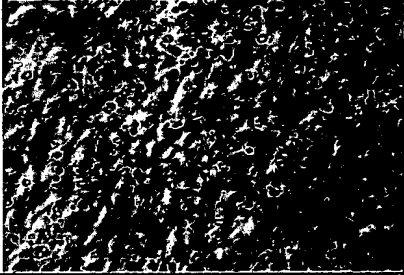
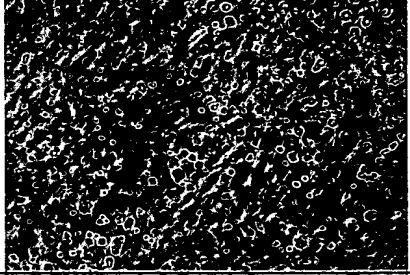
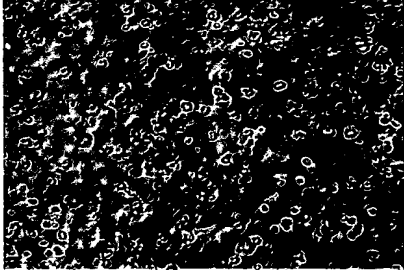
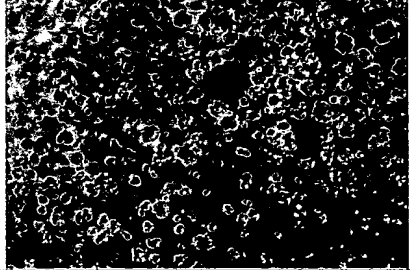




1/65

Experiments 1-26, Figures:

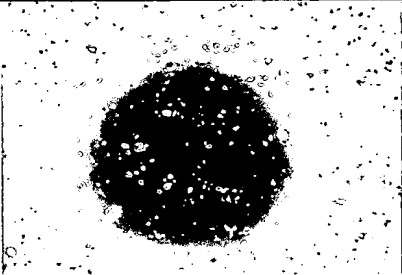
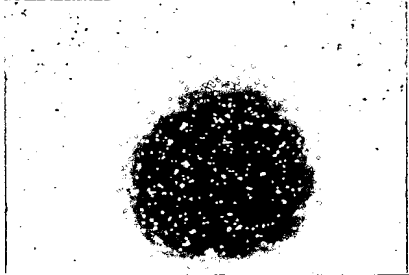
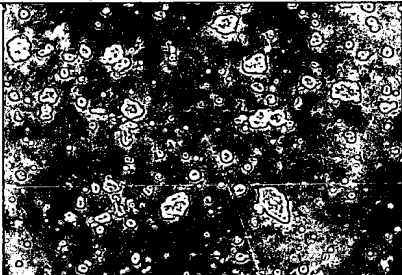
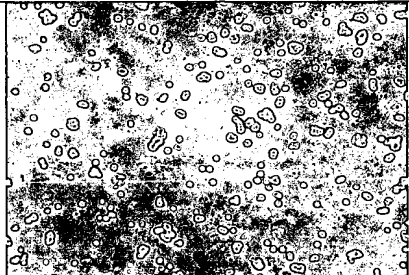
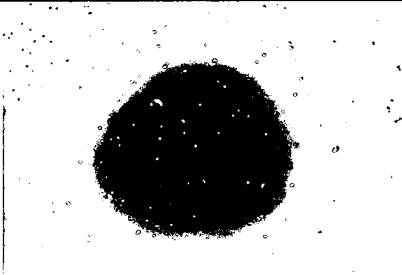
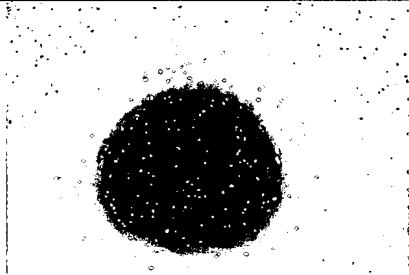
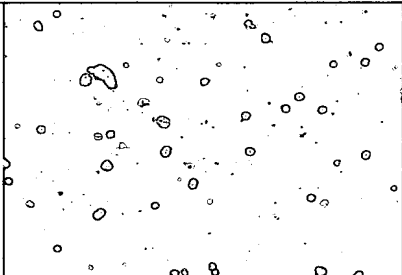
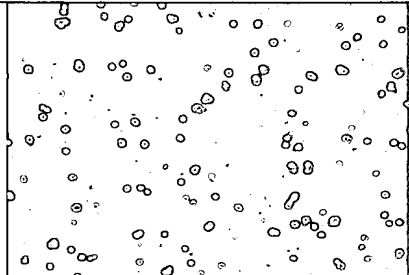
Experiment 1, Fig. 1:

	1.2% agar	0.8% agar
BHK21/c13		
S100T1		

BEST AVAILABLE COPY

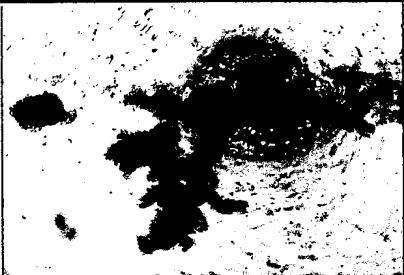
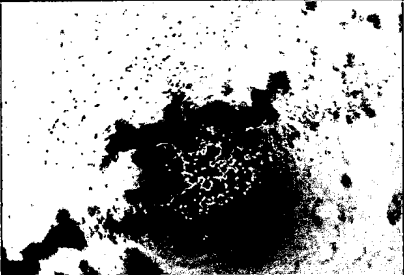
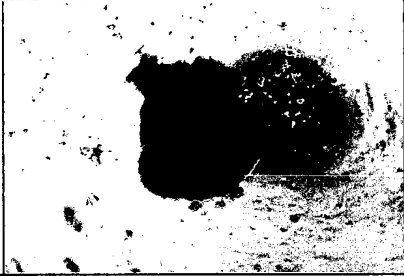
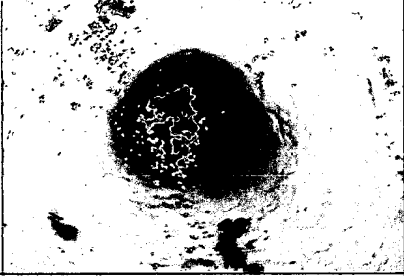

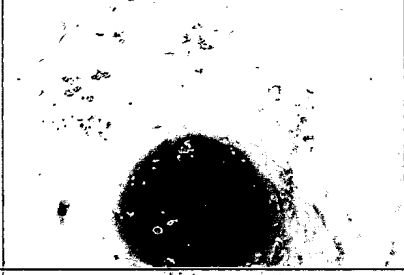


2/65

Experiment 2, Fig. 1:

	Day 3, no addition	Day 3, 0-control (only +5°C)
Low magnification, 5 x objective.		
Medium magnification, 10 x objective		
	Day 3, 500 nM 4-OH-OPB	Day 3, 1000 nM 4-OH-OPB
Low magnification, 5 x objective.		
Medium magnification, 10 x objective		

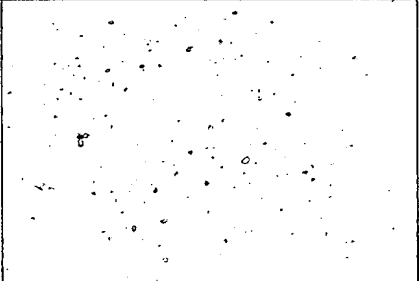

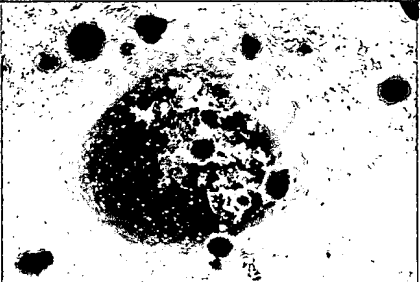
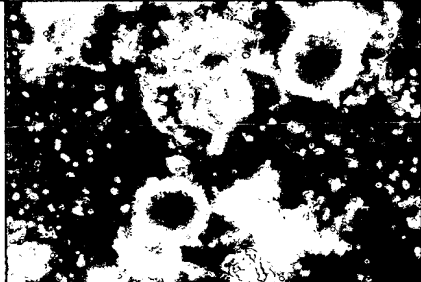
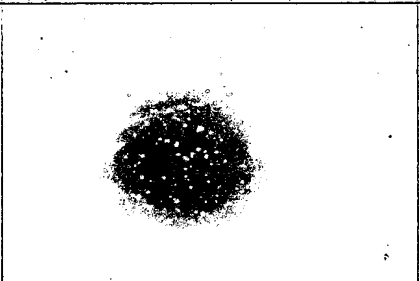
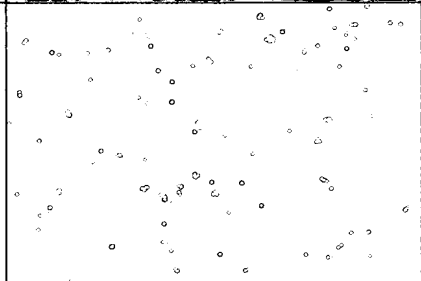
3/65

Experiment 3, Fig. 1:

	As described in left column	Control without insulin ↓
Insulin 0.1 iu/ml and conditioned medium		
Ins.0.1 iu/ml, Mito+ and conditioned medium		
Ins. 0.1 iu/ml		
Ins.0.1 iu/ml and Mito+		

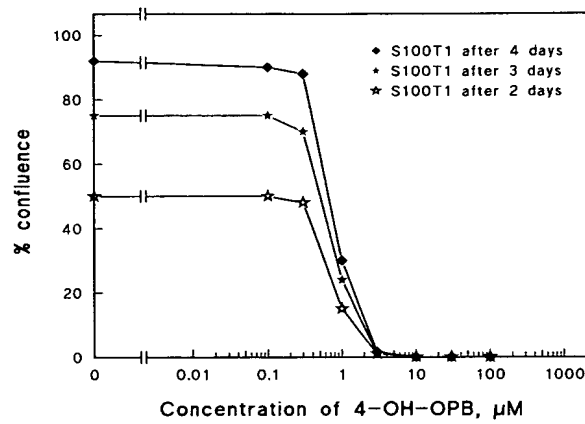
4/65

Experiment 4, Fig. 1:

	Low magnification (objective 4 x)	Medium magnification (objective 10 x)
These are the cells after seeding in soft agar before starting to grow (placed in the refrigerator before photographing). Phase contrast was not used here, only below		
Day 7, no addition		
Day 7, 3 μ M 4-OH-OPB added when seeded		

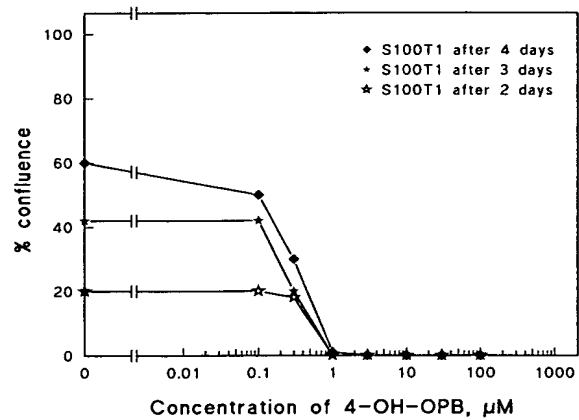
5/65

Confluence after 2-4 days with 10000 polyoma transformed BHKc13 and 4-OH-OPB



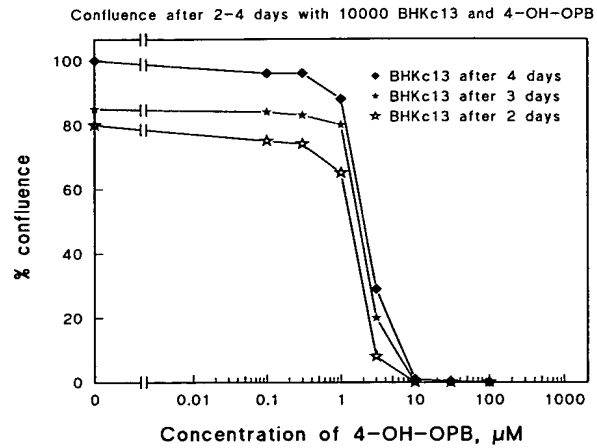
Experiment 5 Fig 1.

Confluence after 2-4 days with 3000 polyoma transformed BHKc13 and 4-OH-OPB

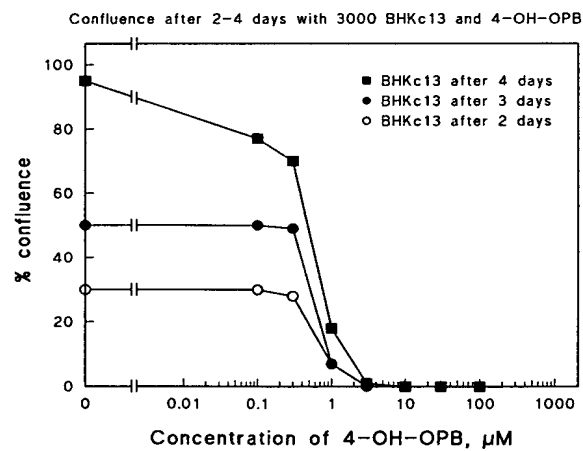


Experiment 5 Fig 2.

6/65



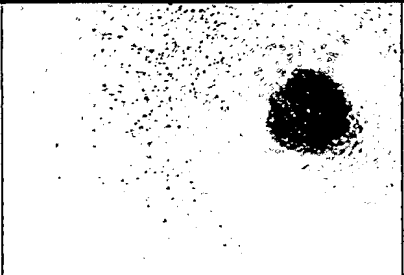
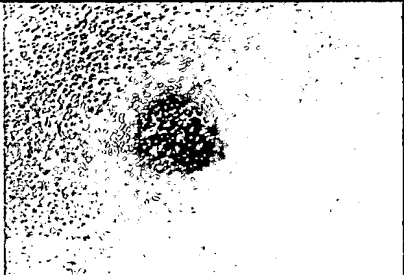
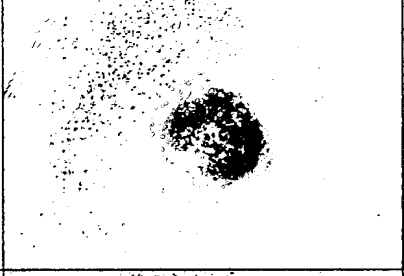
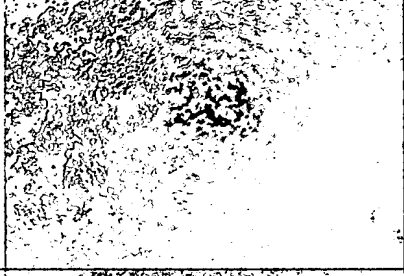

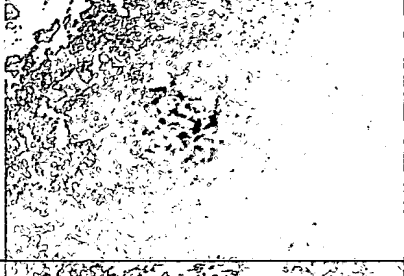


Experiment 5 Fig 3.



Experiment 5 Fig 4.



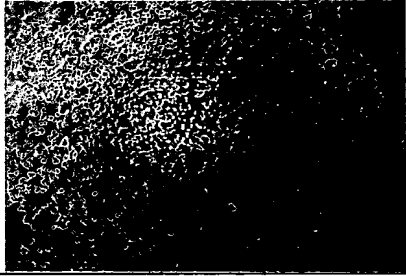
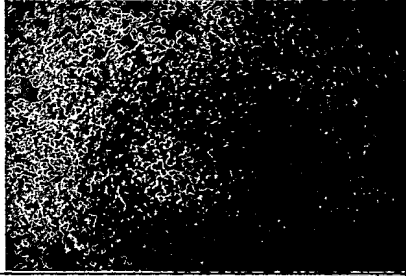

7/65

Experiment 6, Fig. 1:

4-OH-OPB, μ M:	Treated as indicated in 1 st column	Untreated
30		
10		
3		
1		


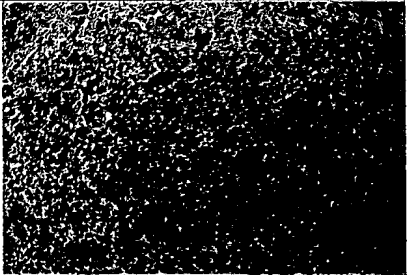

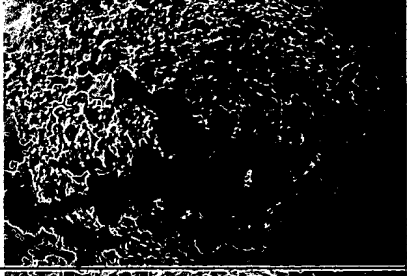

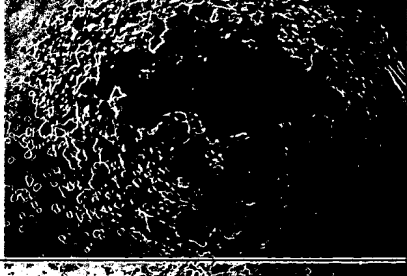


8/65

Experiment 6, Fig. 1, continued:

4-OH-OPB, μ M:	Treated as indicated in 1 st column	Untreated
0.3		
0		
Control just after seeding		

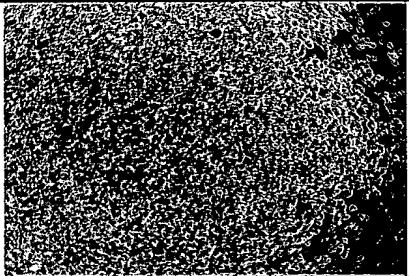
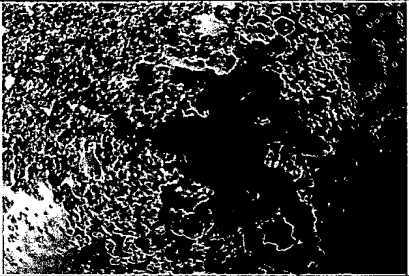
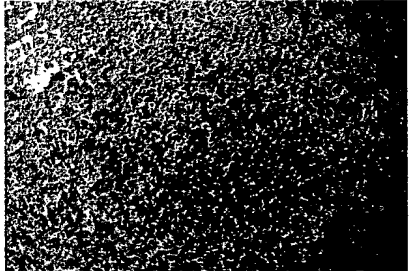

9/65

Experiment 6, Fig. 2: Photographs after one day:

4-OH-OPB, μ M:	Treated as indicated in 1 st column	Untreated
30		
10		
3		
1		

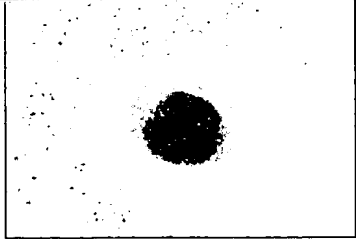

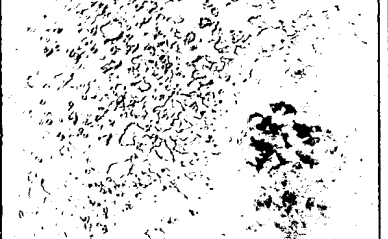

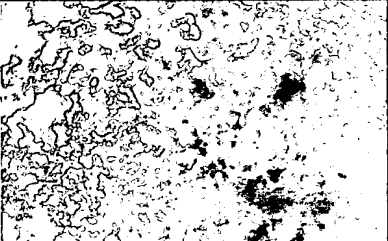
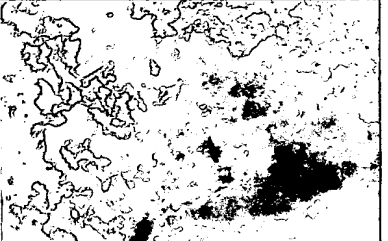

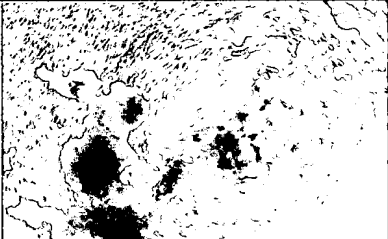
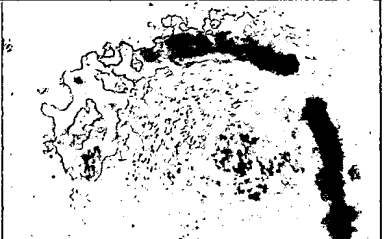
10/65

Experiment 6, Fig. 2: continued:

4-OH-OPB, μ M:	Treated as indicated in 1 st column	Untreated
0.3		
0		

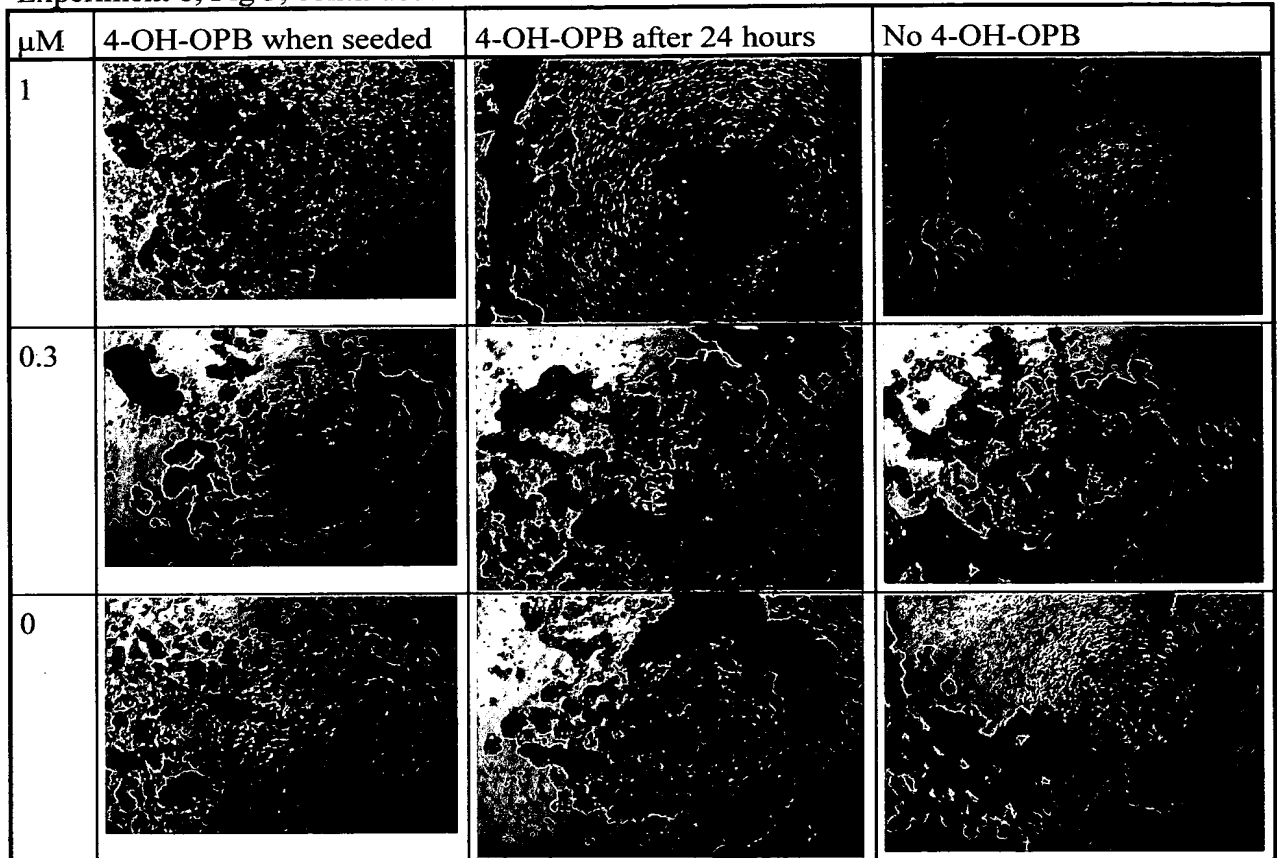
11/65

Experiment 6, Fig 3:

μM	4-OH-OPB when seeded	4-OH-OPB after 24 hours	No 4-OH-OPB
30			
10			
3			

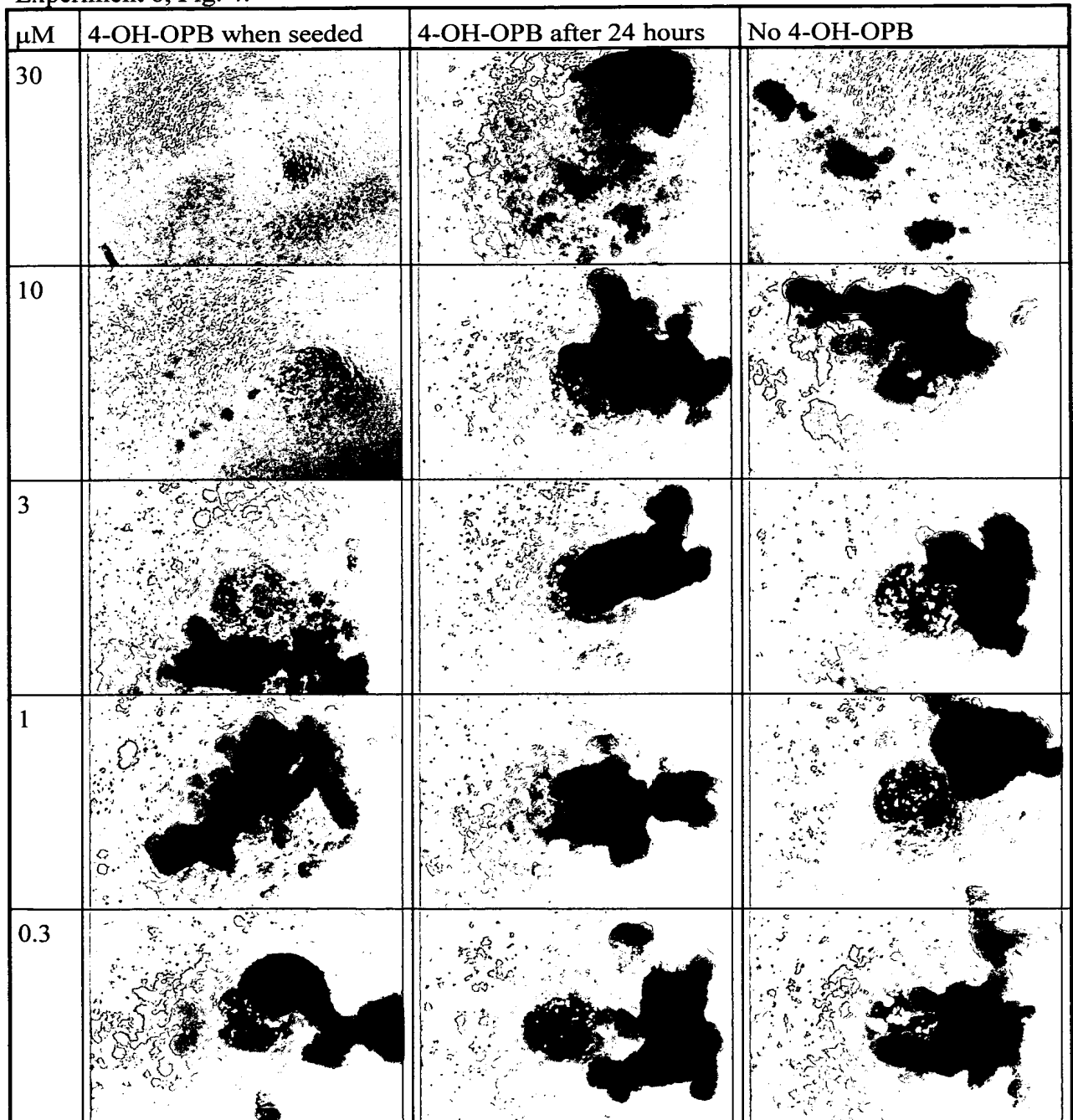
12/65

Experiment 6, Fig 3, continued:



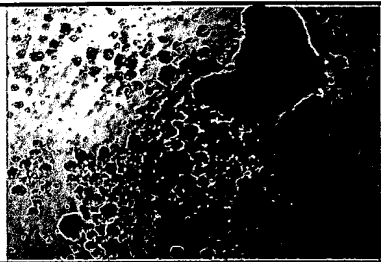
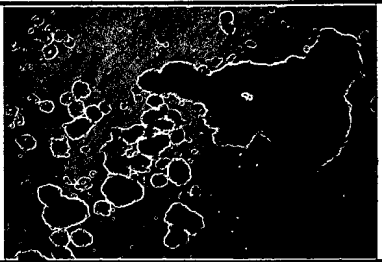
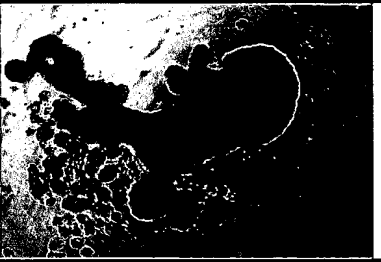
13/65

Experiment 6, Fig. 4:



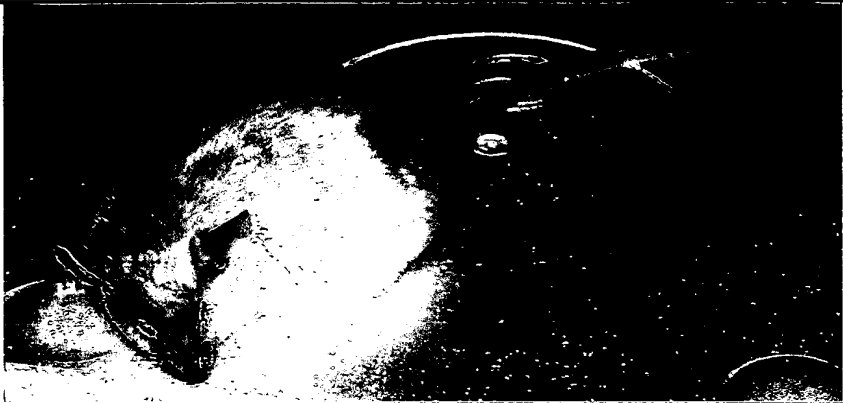

14/65

Experiment 6, Fig. 4, continued:

μM	4-OH-OPB when seeded	4-OH-OPB after 24 hours	No 4-OH-OPB
0			


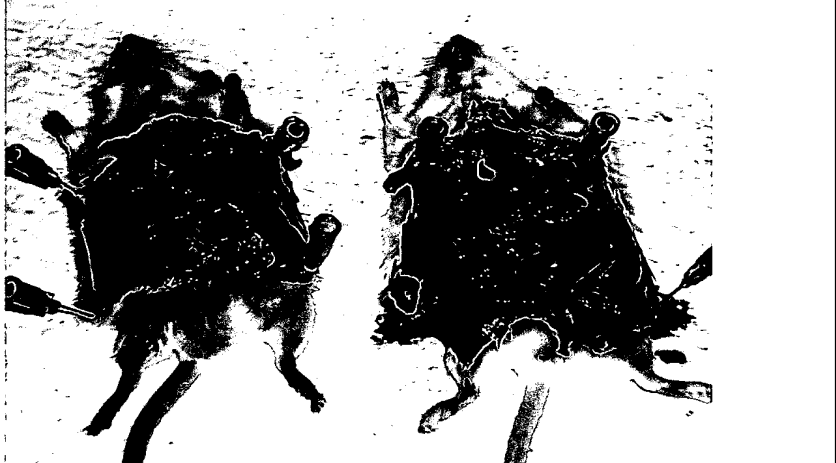
15/65

Experiment 7, Fig. 1:

	Sick control after 19 days
Front/side: Large abdomen, pale external ears and tail	
	Healthy inoculated and treated mouse after 19 days
Want to escape when roof of cage was removed.	

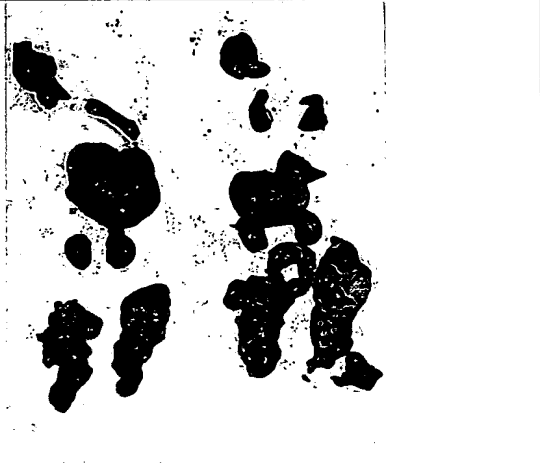
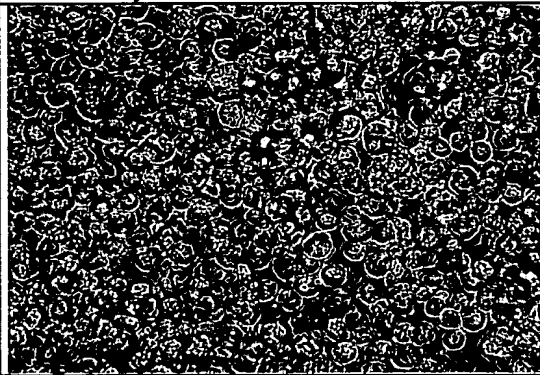
16/65

Experiment 7, Fig. 2:

	From section
<p>Treated to the left, control to the right. Note the tumour in groin/iliac fossa on the control mouse.</p>	
<p>Treated mouse with normal organs to the left. Control to the right with pale liver, fibrinous material under left diaphragm tumour in left groin and ascites with blood discolouring lower fur margins and intestines.</p>	





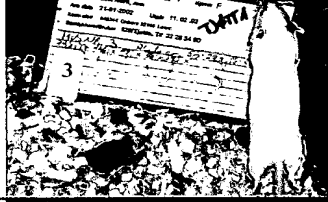

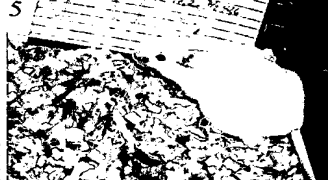


17/65

Experiment 7, Fig. 3:

<p>Treated to the left, control to the right.</p> <p>Upper row: Lungs and hearts, all normal.</p> <p>2nd row: spleens. Subphrenic fibrinous material with erythrocytes and tumour cells to the right.</p> <p>3rd row: Livers, kidneys.</p> <p>Bottom row: omentum with tumour material on untreated animal. Solid groin tumour to the right. Lungs, liver, kidneys from control are anaemic.</p>	
	<p>Ehrlich cells from untreated control after 4 days in culture</p>
<p>Ehrlich tumour cells from ascites</p>	

18/65




Experiment 8, Fig. 1:

No, μ l*, start	Finished day 17	Live appearance	Live appearance
1; 1.26 μ l*; day 0	Healthy, no tumour or ascites		
2; 0.42 μ l; day 0	Healthy, no tumour or ascites		
3; 0.14 μ l; 0	Healthy, no tumour or ascites. White spots on liver, not suspicious		
4; 0.047 μ l; day 0	4.5 ml ascites. Lens sized tumour at injection site, left abdominal wall.		
5; 0; day 0	6.77 ml ascites. Injection site free.		
6; 1.13 μ l; day 1	3.15 ml ascites. At injection site circular branched tumour.		
7; 1.09 μ l; day 3	Pea-size tumour at injection site in abdominal wall. 15 μ l ascites with typical cells, no blood.		

*: From a solution in DMSO with 20 mM 4-OH-OPB





19/65

Experiment 8, Fig. 2:

Number	Description	Picture
1 and 2		
3		

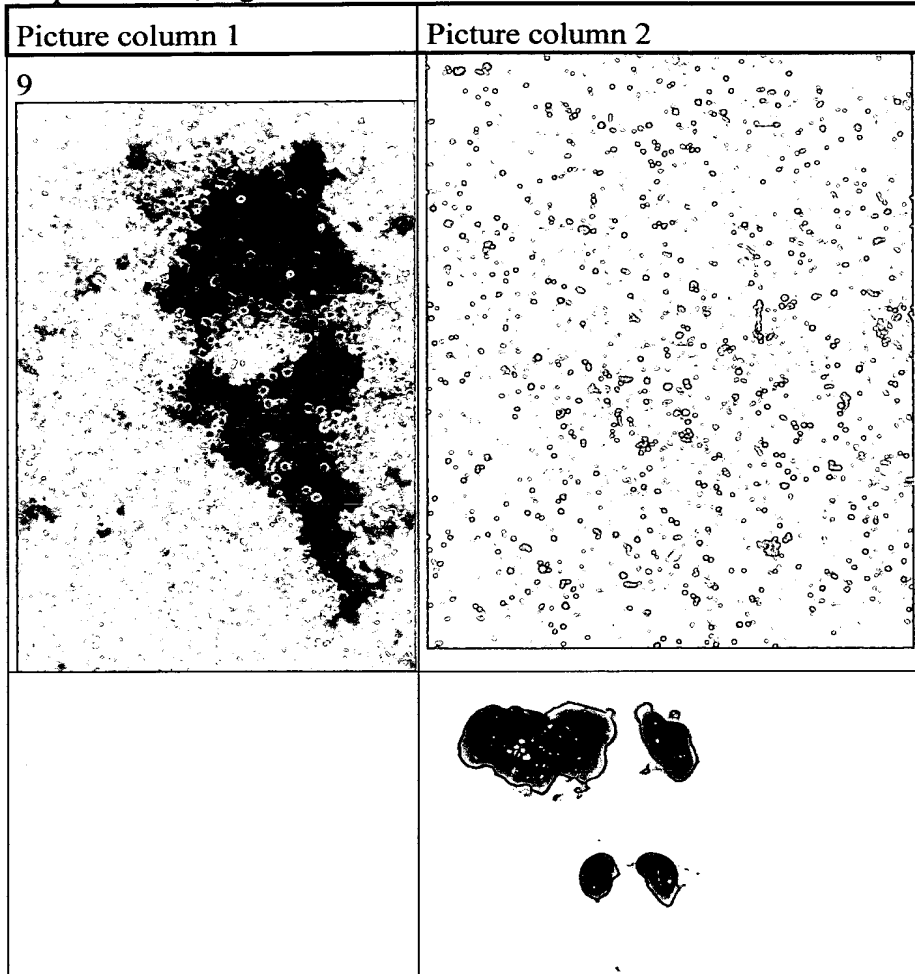
20/65

Experiment 8, Fig. 3:

Number	Description	Picture
4 and 5		
6 and 7		

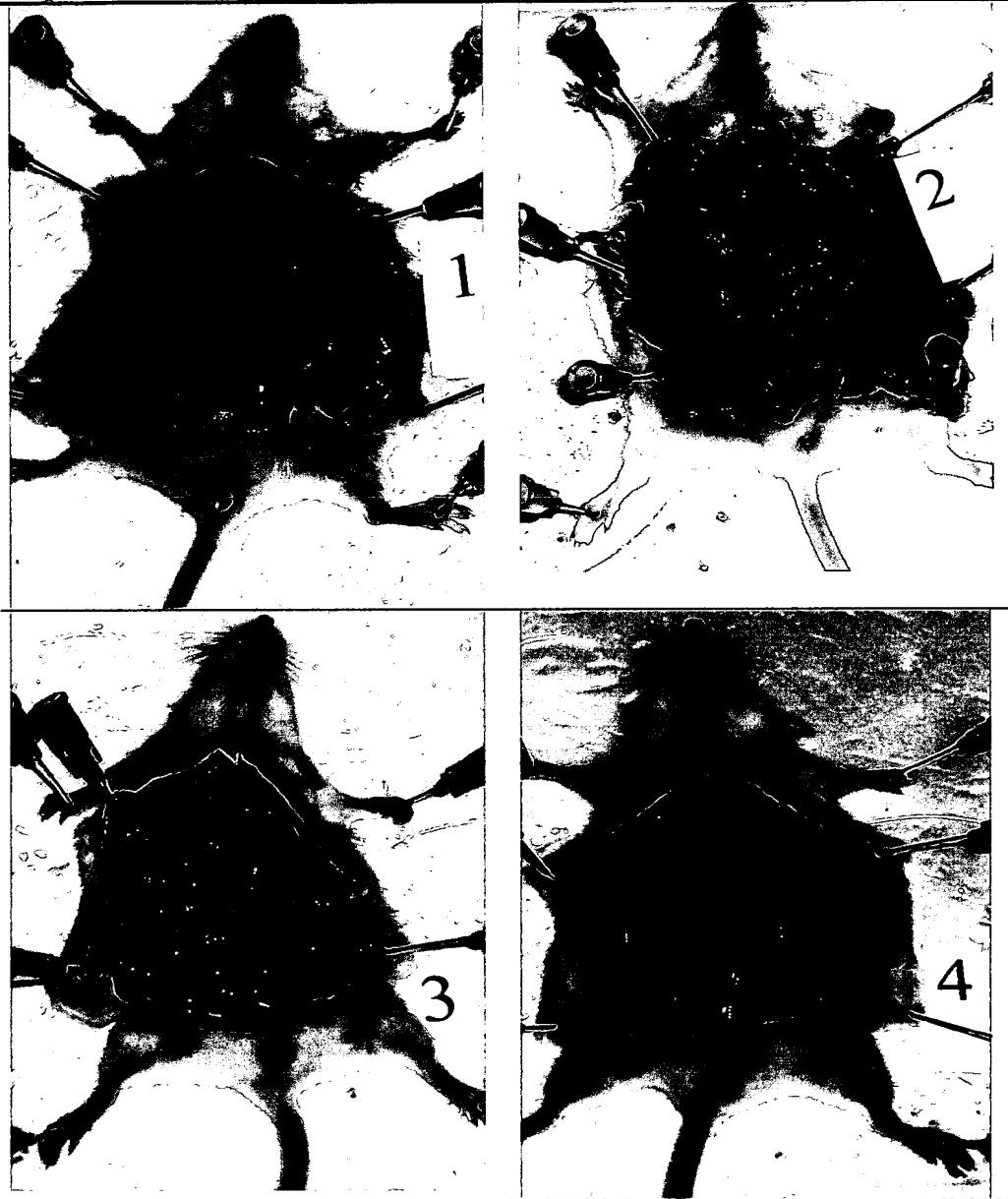
21/65

Experiment 9, Fig 1:

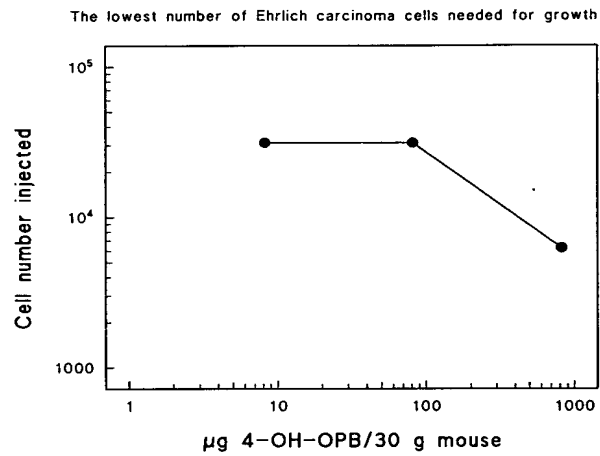


22/65

Experiment 9, Fig. 2:

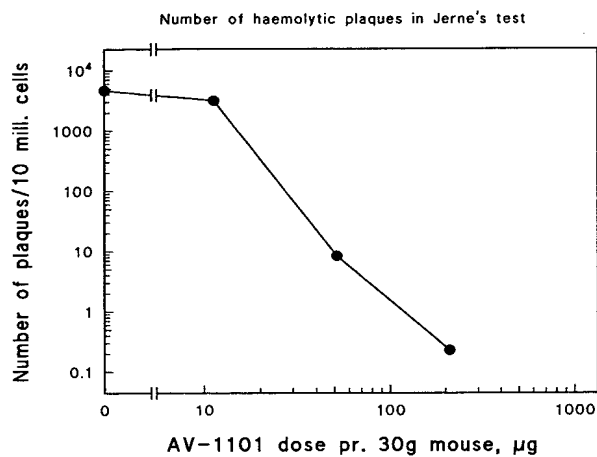


23/65

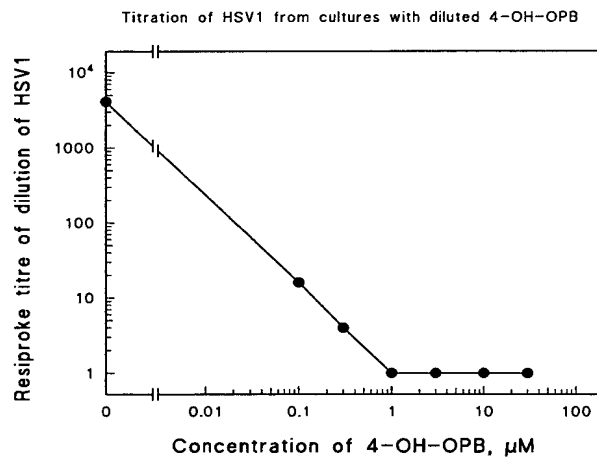


Experiment 9, Fig. 3:

24/65

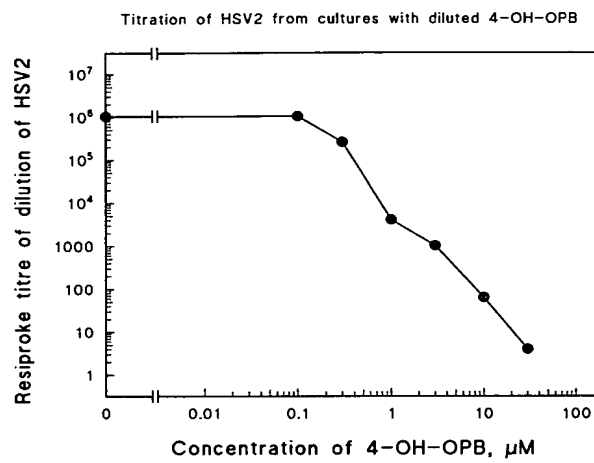


Experiment 10, Fig. 1



Experiment 11b, Fig. 1:

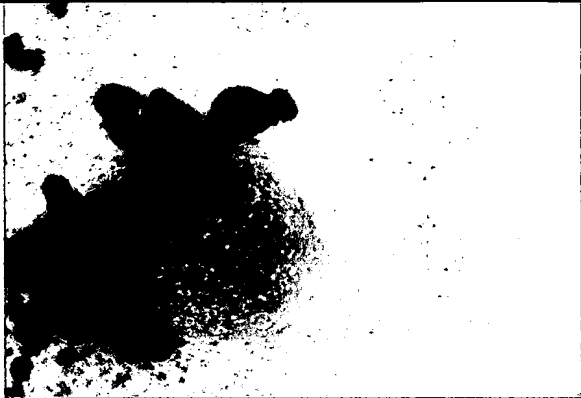

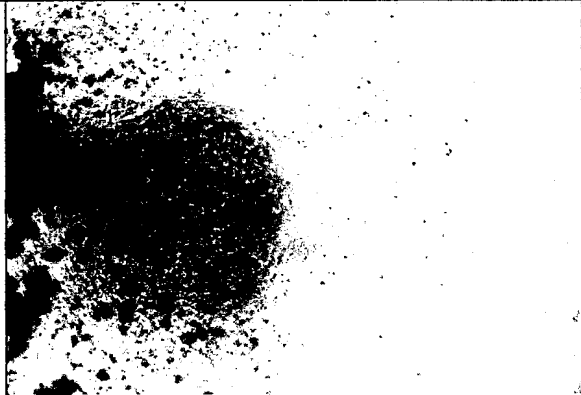

25/65



Experiment 12, Fig. 1:




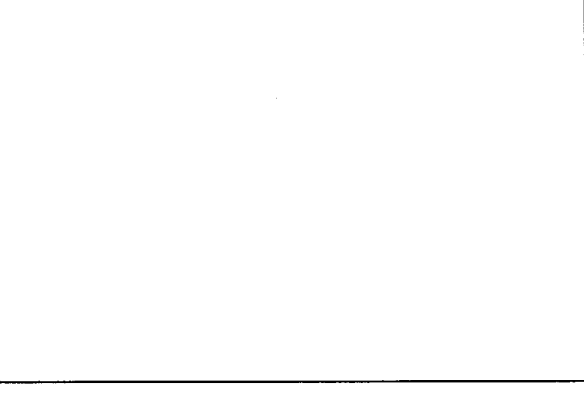


26/65

Experiment 13, Fig. 1: After 3 days of growth

μM	4-OH-OPB	Control: no 4-OH-OPB
3		
1		



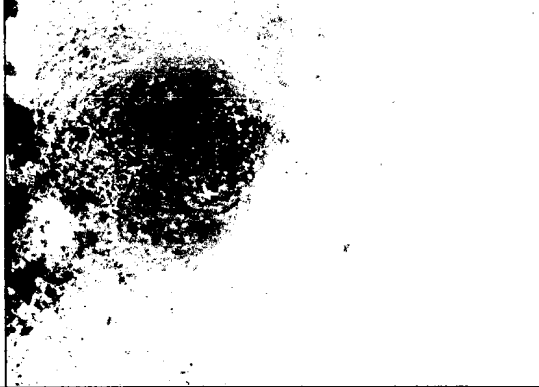
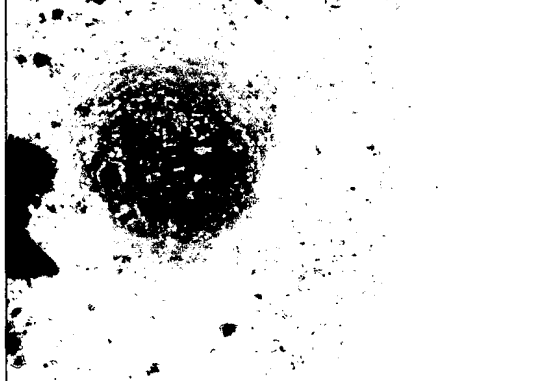
27/65

Experiment 13, Fig. 2: After 3 days of growth:

	Colchicine	Control
0.1 μM		
.033 μM		
0.01 μM		


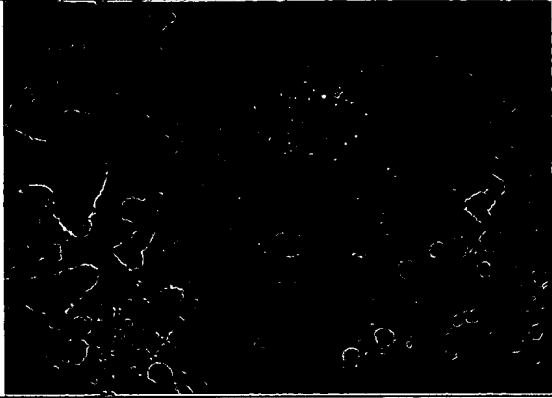

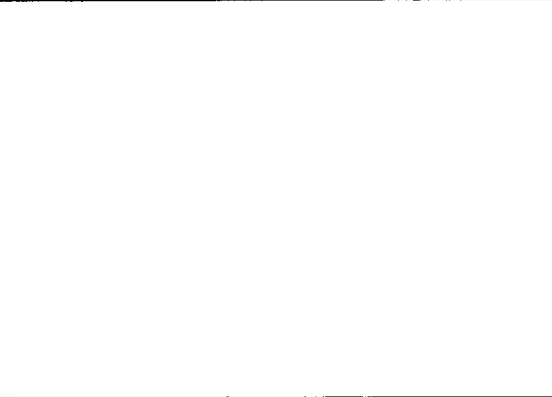
28/65

Experiment 13, Fig. 3: After 4 days of growth:

μM	Colchicine	Control
0.1		
.033		
0.01		

29/65

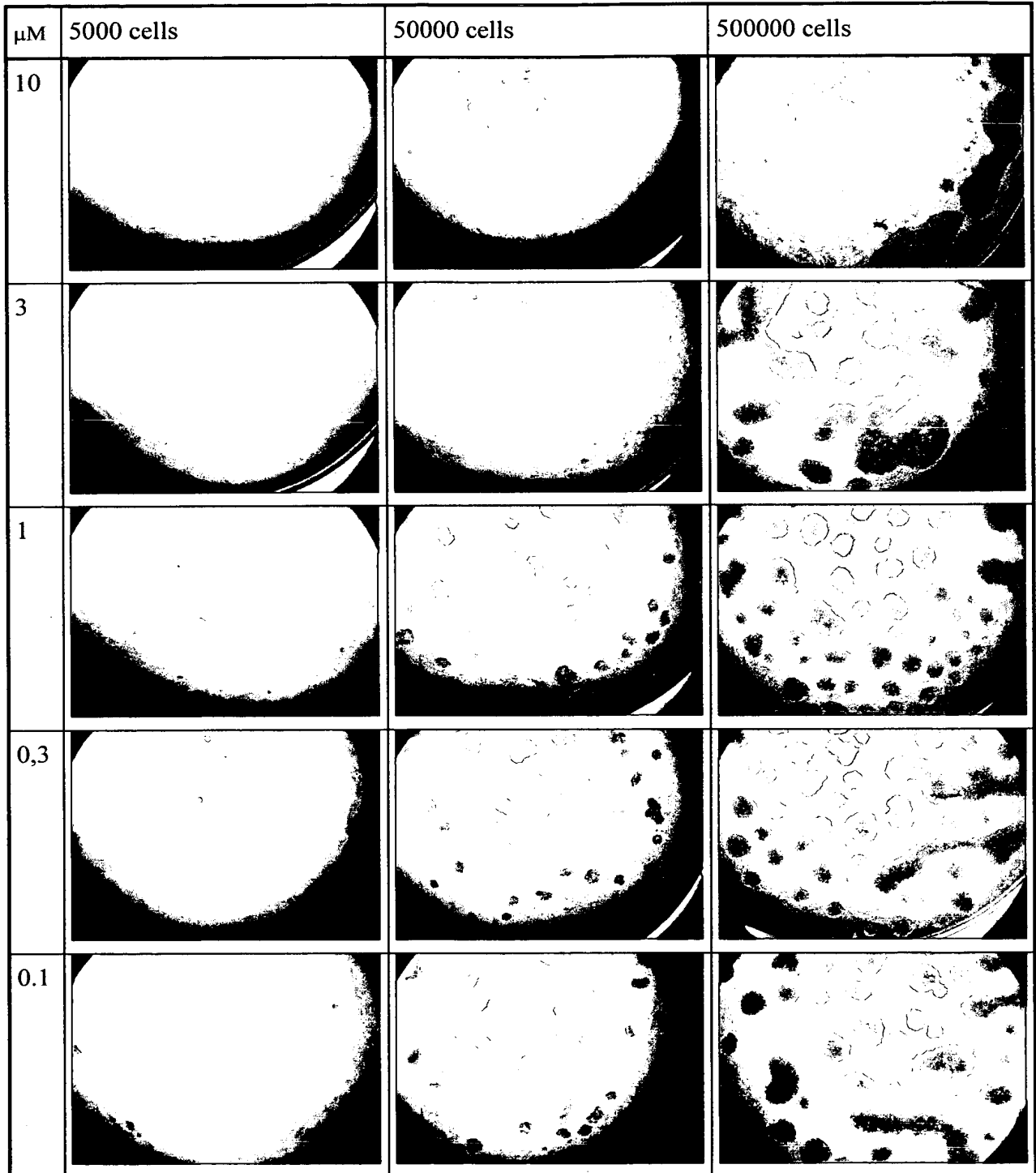
Experiment 13, Fig. 4: After 4 days of growth:

μM	4-OH-OPB	Control
3		
1		

:


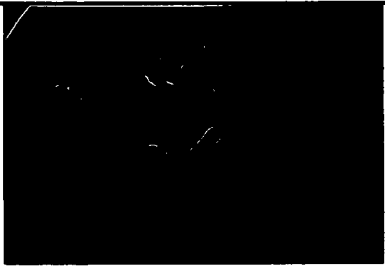
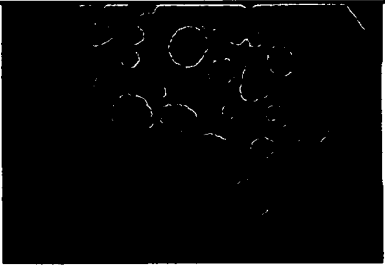
30/65

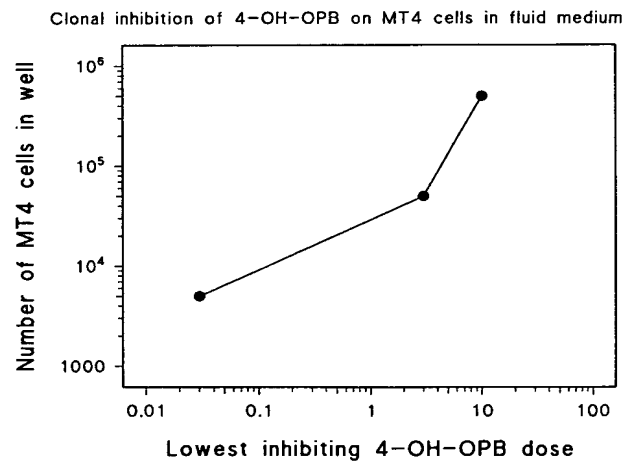
Experiment 14, Fig. 1: Cellular growth the second day:



31/65

Experiment 14, Fig. 1, continued: Cellular growth the second day:

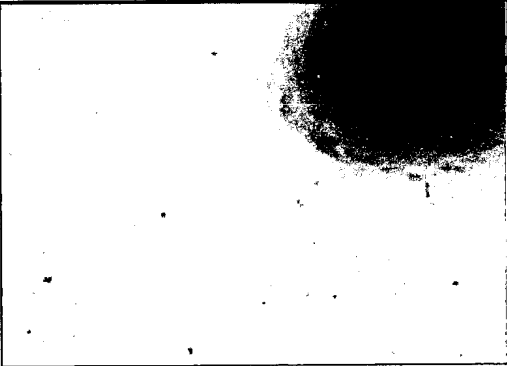
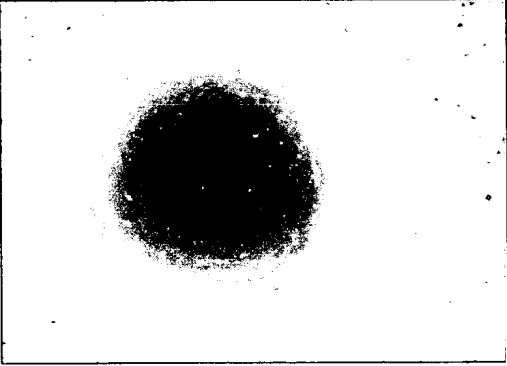

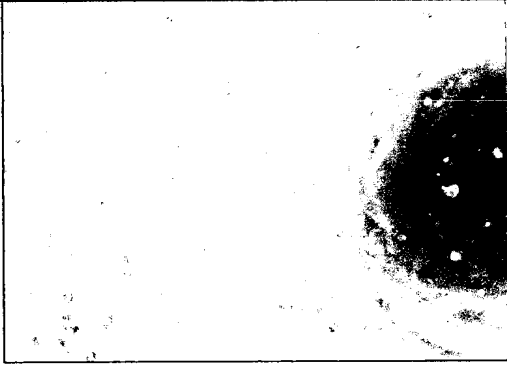

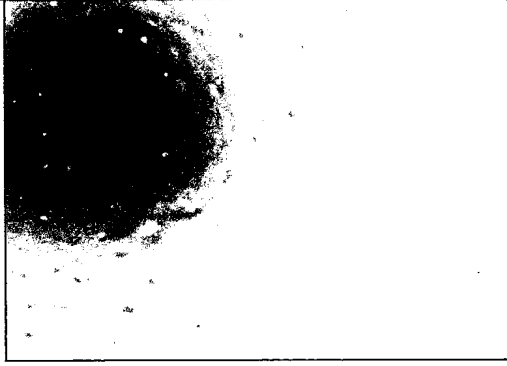
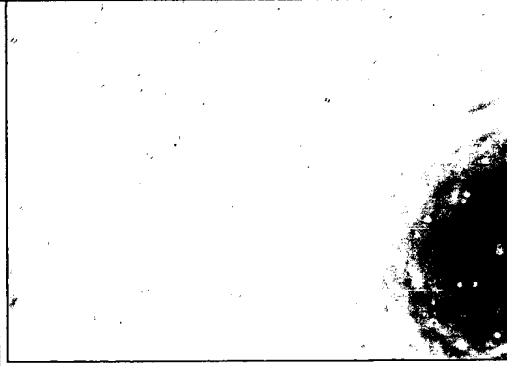
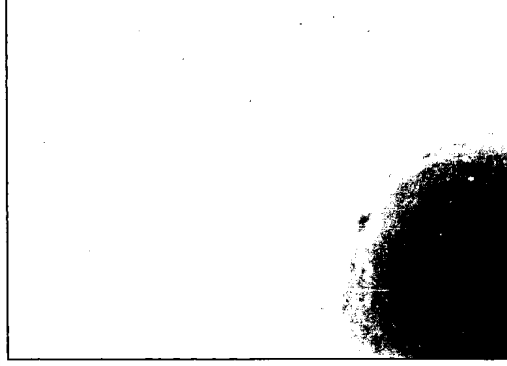
μM	5000 cells	50000 cells	500000 cells
0			



Experiment 14, Fig. 2

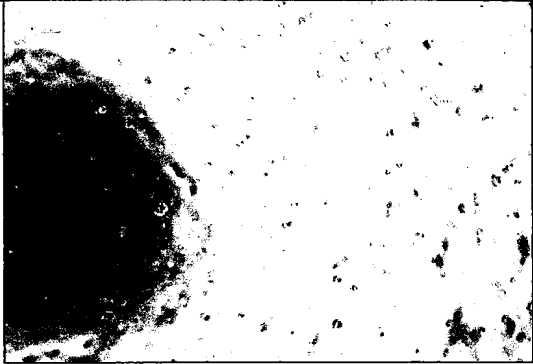
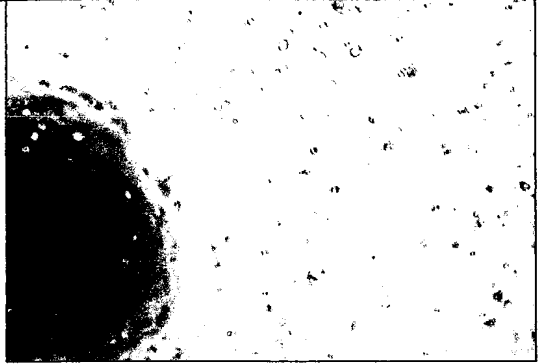
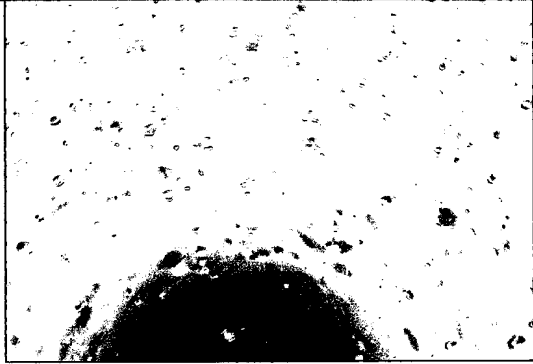
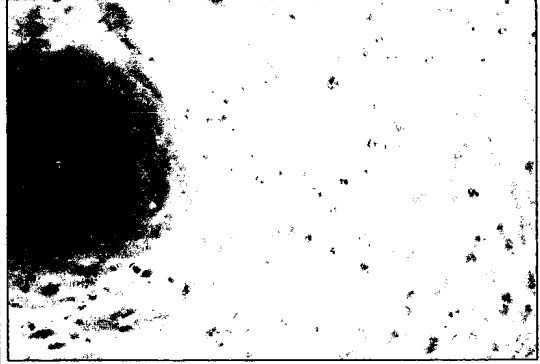
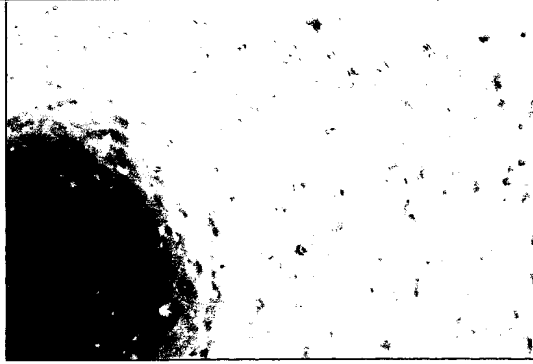
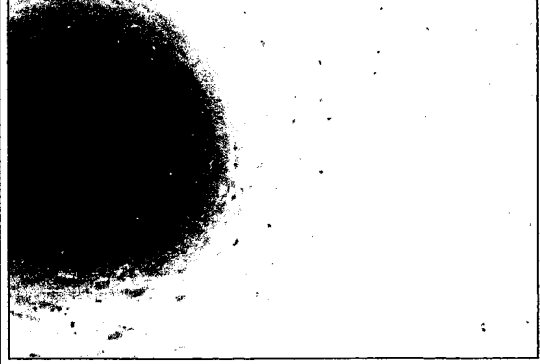
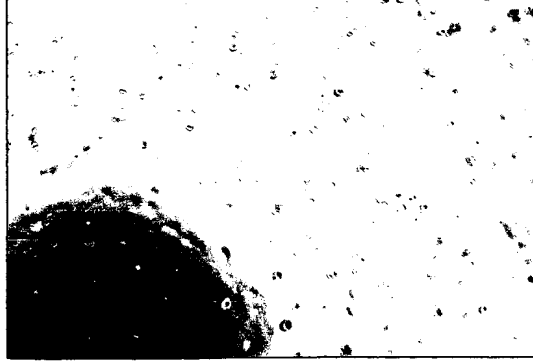

32/65

Experiment 15, Fig. 1: Photos on day 5:

Name, number:	Low concentration	High concentration
4-OH- OPB 1		
Colchicin e 2		
Diphenyl hydantoin 3		
Podophyll o-toxin 4		

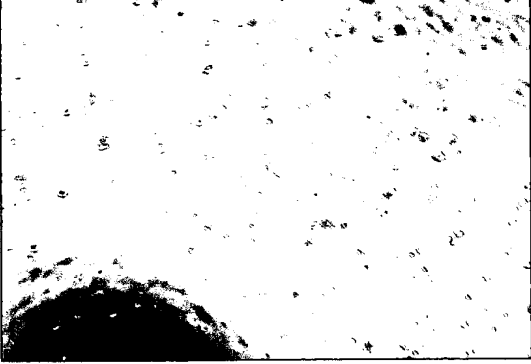
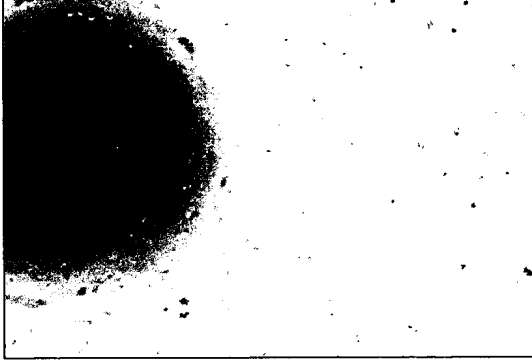
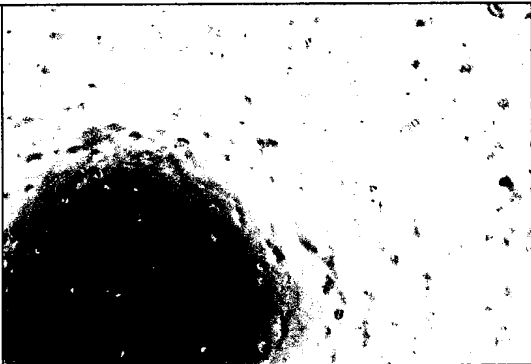
33/65

Experiment 15, Fig. 1, continued: Photos on day 5:

Name, number:	Low concentration	High concentration
Piroxicam 5		
Diclofenak 6		
Ibuprofen 7		
Naproxen 8		

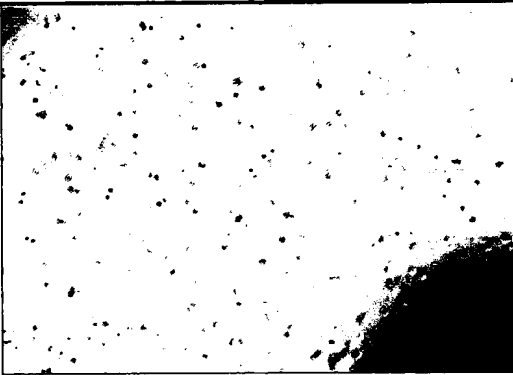
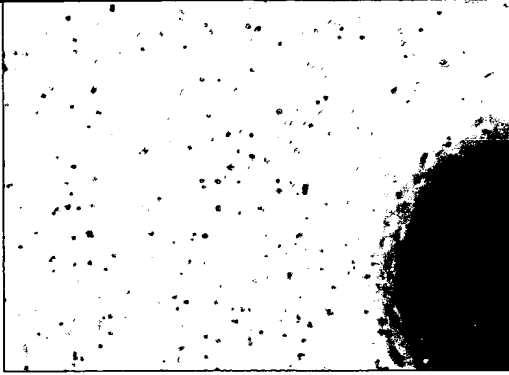

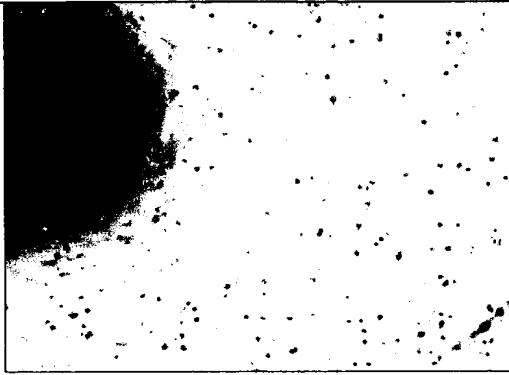
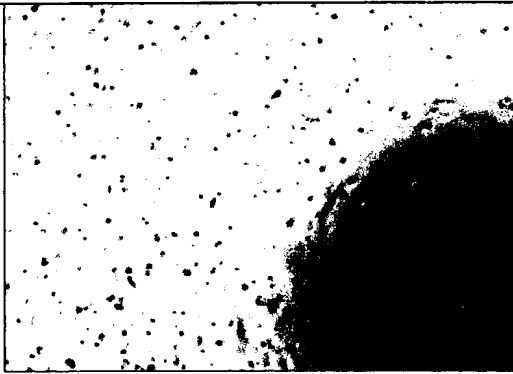
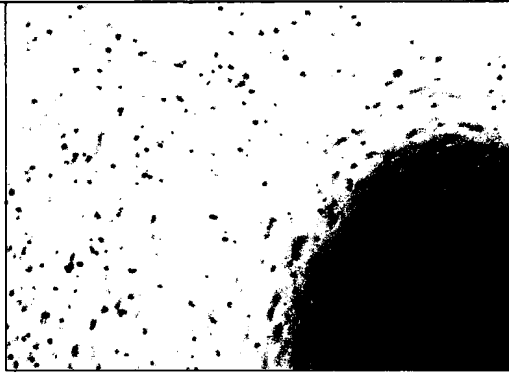
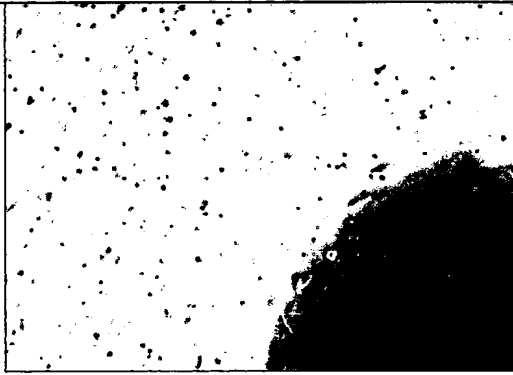

34/65

Experiment 15, Fig. 1, continued: Photos on day 5:

Name, number:	Low concentration	High concentration
Acetylsali cylic acid 9	 A black and white micrograph showing a dark, irregularly shaped mass in the lower-left corner, surrounded by a lighter, granular background.	 A black and white micrograph showing a large, dark, circular mass on the left side, surrounded by a lighter, granular background.
Control 10	 A black and white micrograph showing a dark, irregularly shaped mass in the lower-left corner, surrounded by a lighter, granular background.	

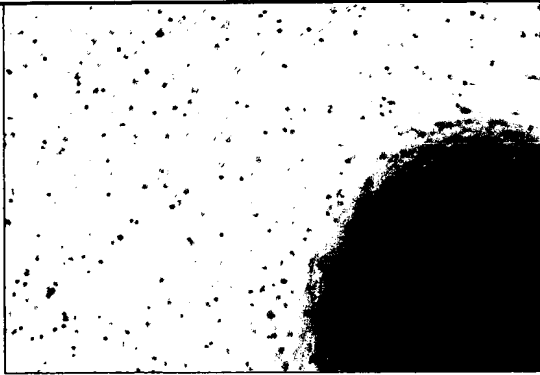
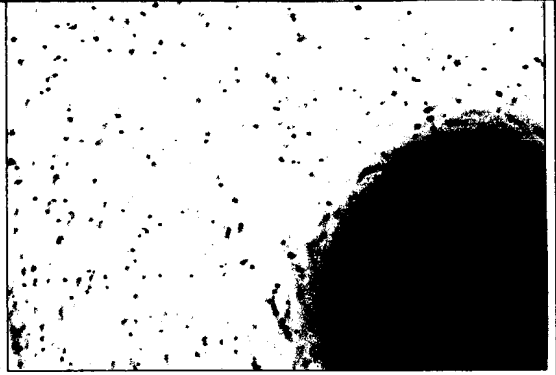

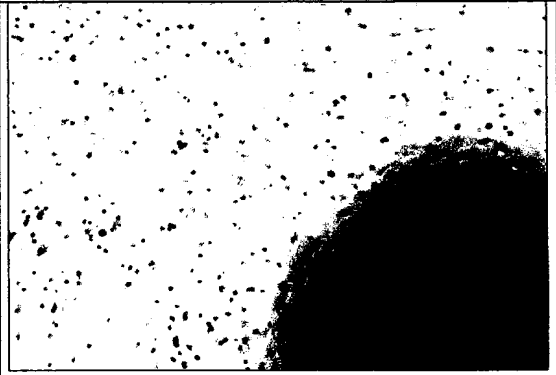
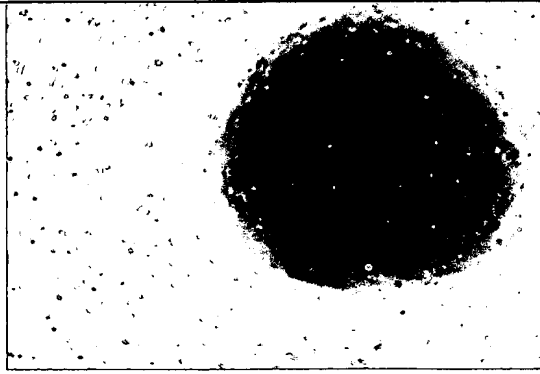
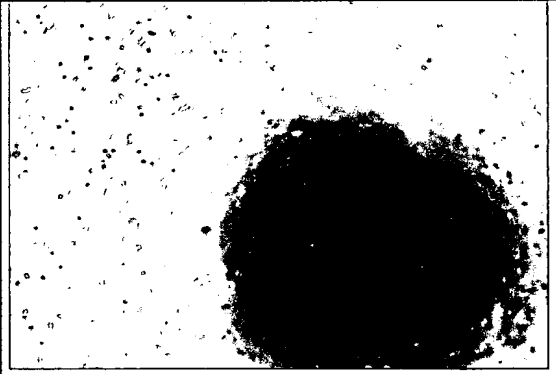
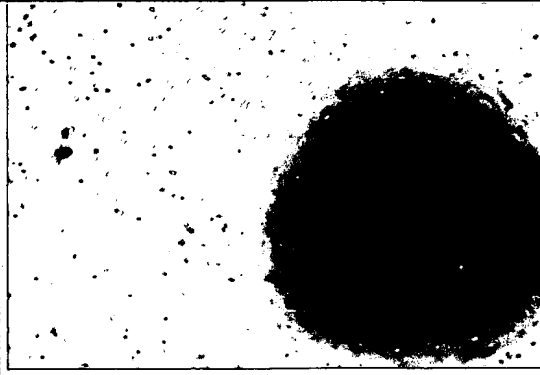
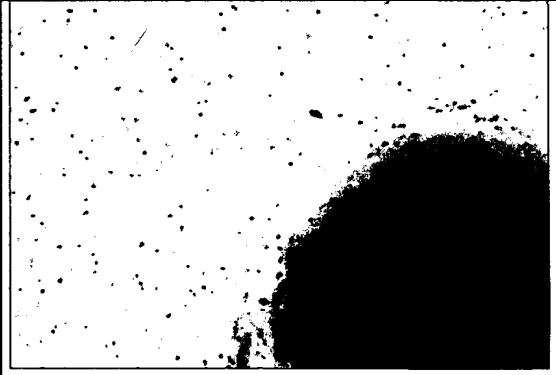
35/65

Experiment 16, Fig. 1: Photos on day 14:

	Low concentration	High concentration
Colchicine, 1		
Colchicine, 2		
Colchicine, 3		
Colchicine, 4		

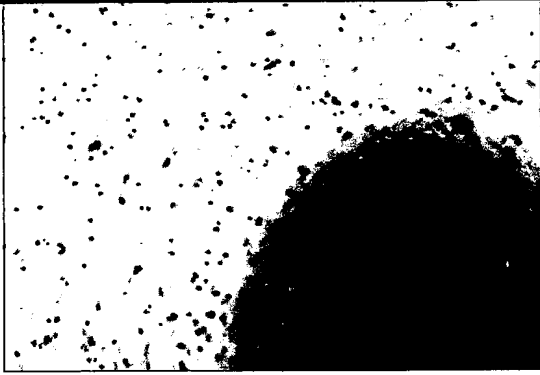


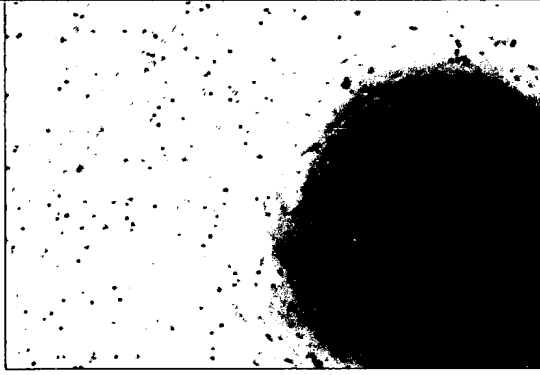
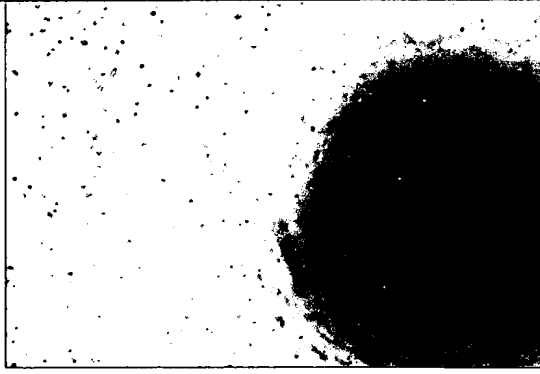
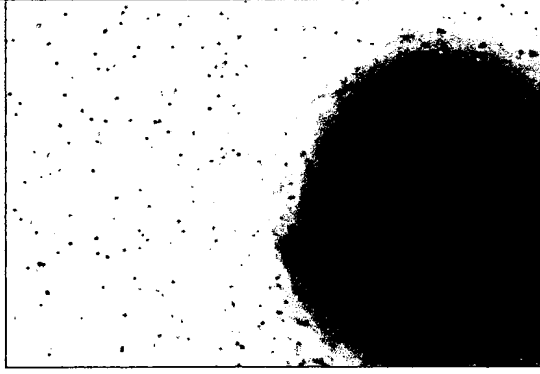
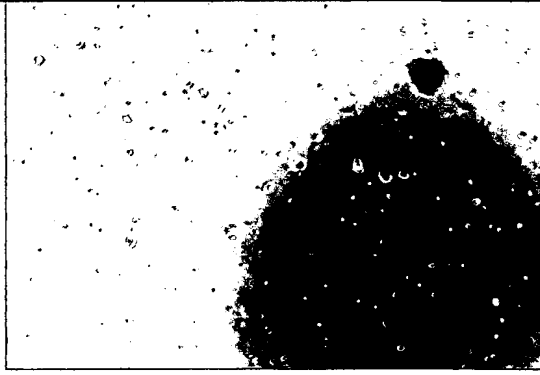

36/65

Experiment 16, Fig. 1, continued: Photos on day 14:

	Low concentration	High concentration
Podophyllotoxin, 5		
Podophyllotoxin, 6		
Podophyllotoxin, 7		
Ibuprofen, 8		


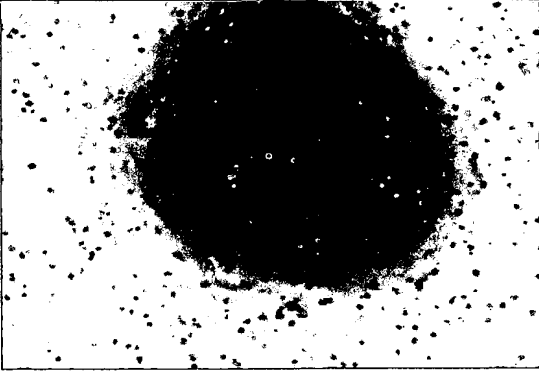
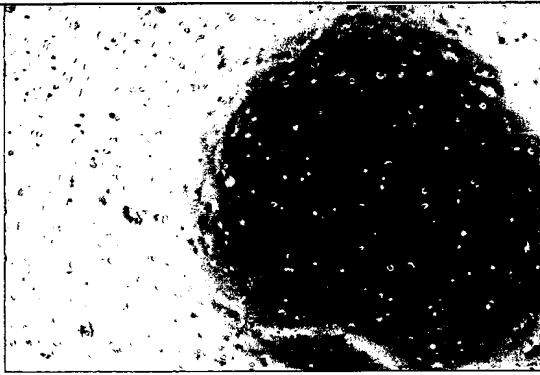

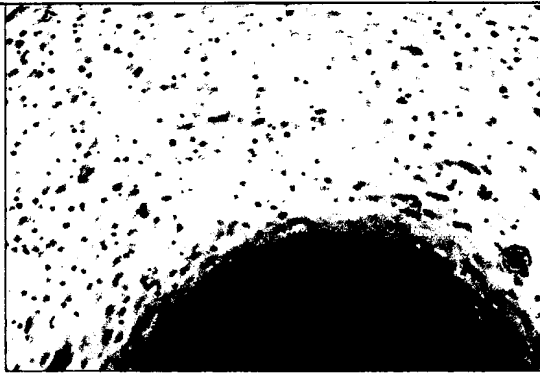
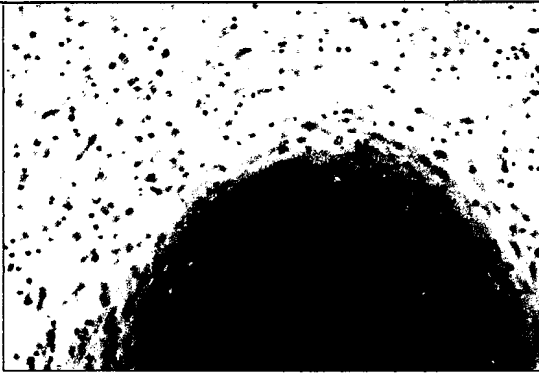
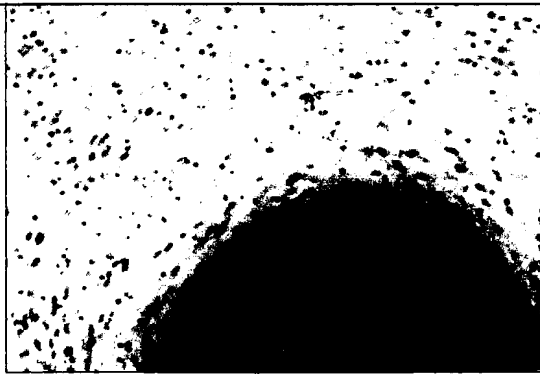
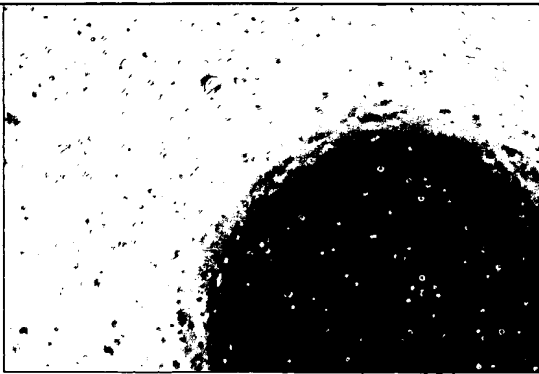
37/65

Experiment 16, Fig. 1, continued: Photos on day 14:

	Low concentration	High concentration
Naproxen, 9		
Acetylsalicylic acid, 10		
4-OH-OPB 11		
Control 12 Picture to the right, day 0		

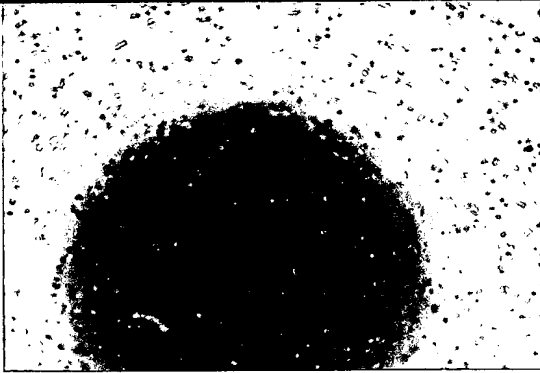

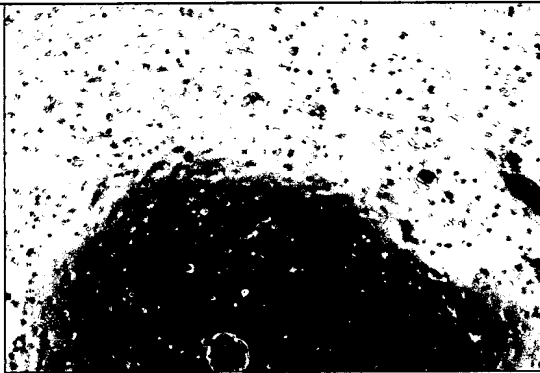
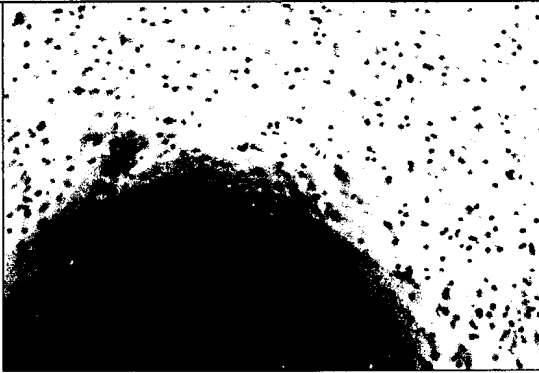
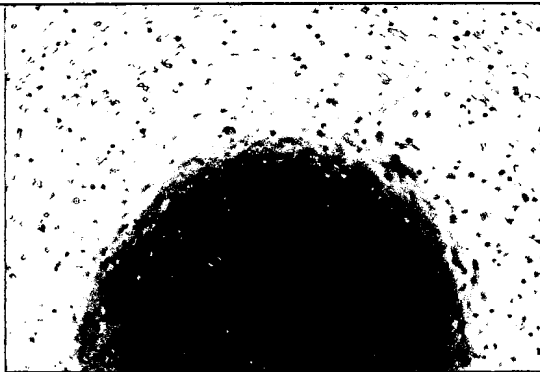
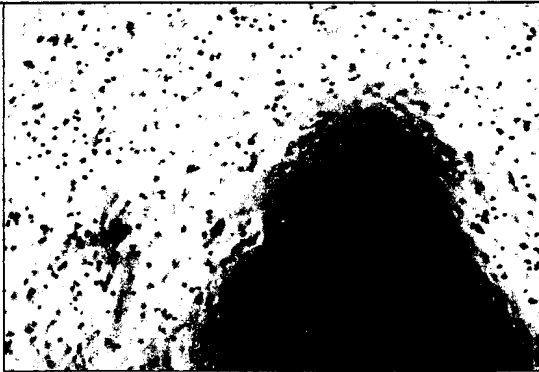
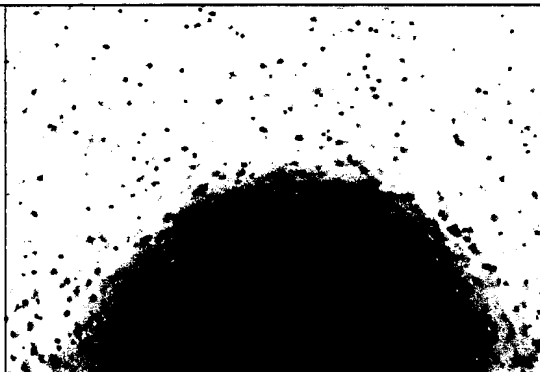
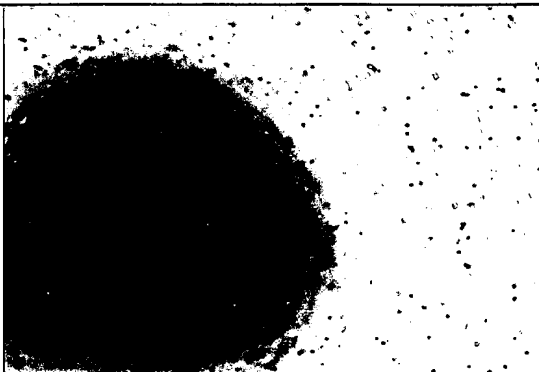
38/65

Experiment 16, Fig. 2: Photos on day 21:

	Low concentration	High concentration
Colchicine, 1		
Colchicine, 2		
Colchicine, 3		
Colchicine, 4		



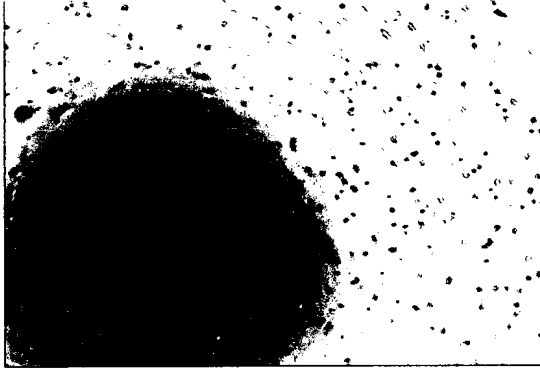
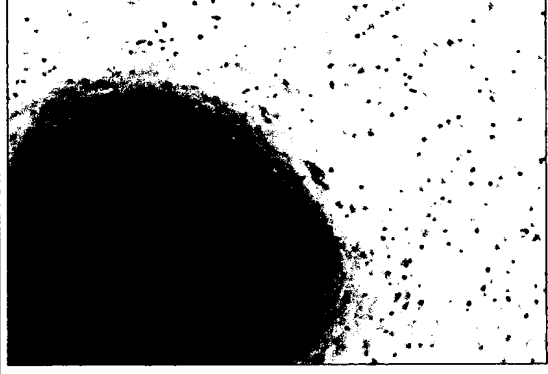
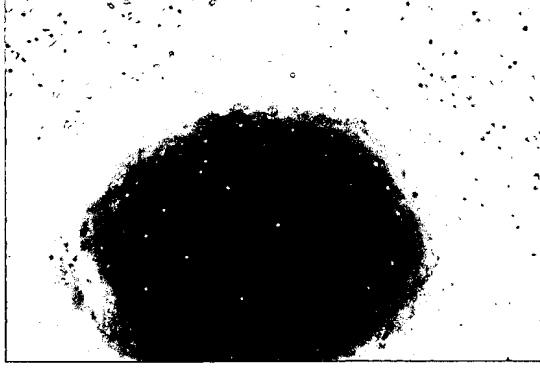
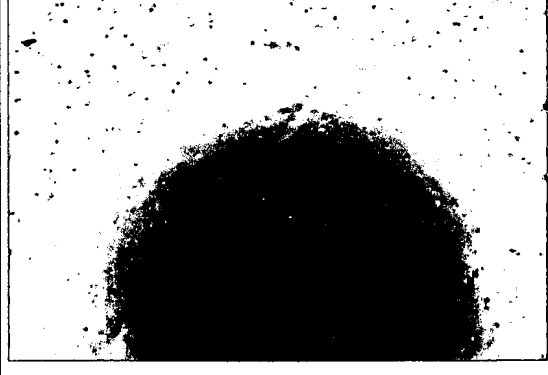
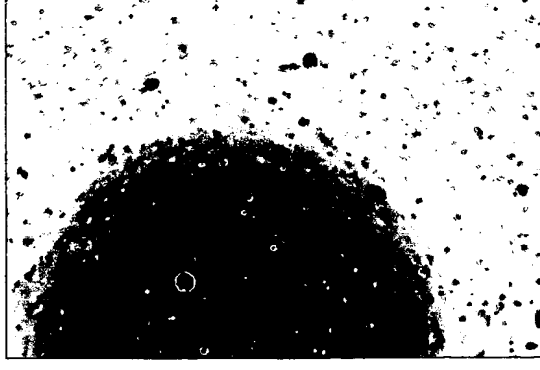

39/65

Experiment 16, Fig. 2, continued: Photos on day 21: continued:

	Low concentration	High concentration
Podophyllotoxin, 5		
Podophyllotoxin, 6		
Podophyllotoxin, 7		
Ibuprofen, 8		


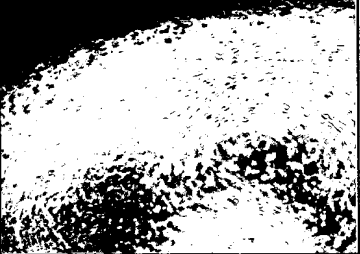
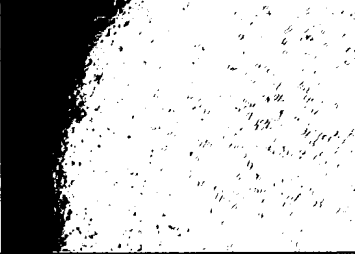
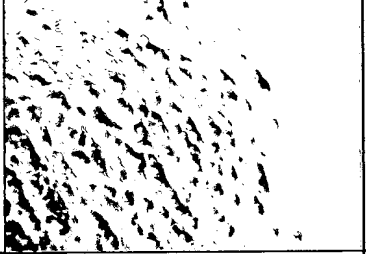
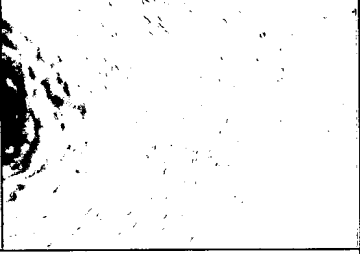
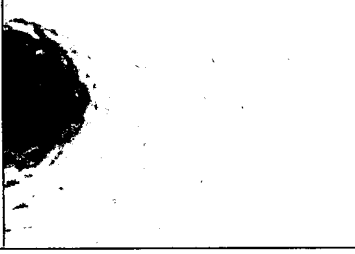
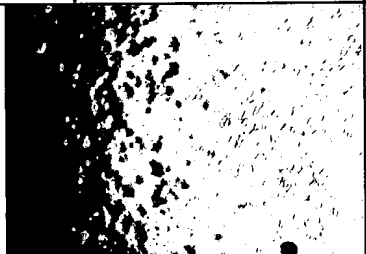
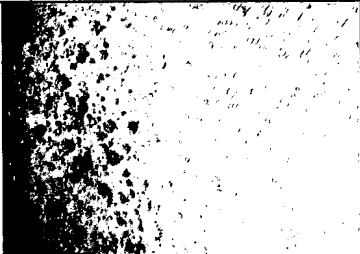

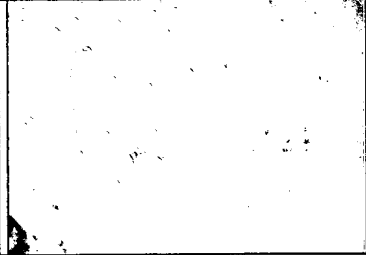
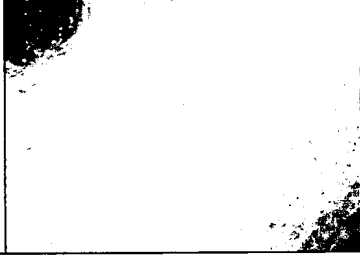

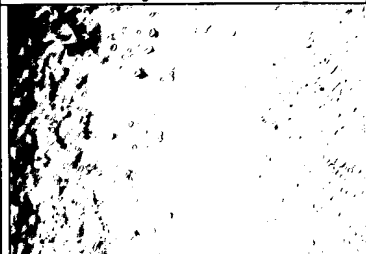
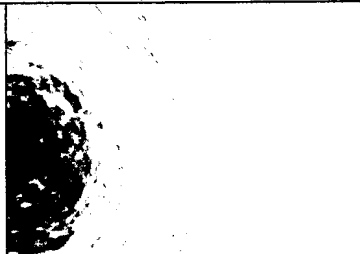

40/65

Experiment 16, Fig. 2, continued: Photos on day 21:

	Low concentration	High concentration
Naproxen, 9		
Acetylsalicylic acid, 10		
4-OH-OPB 11		
Control, picture to the right: day 0, 12		

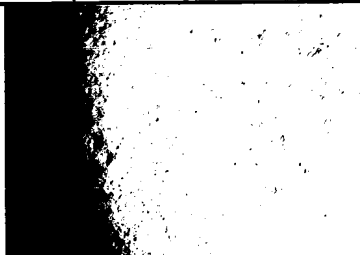
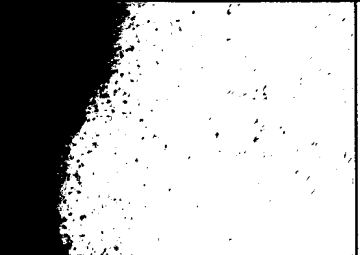


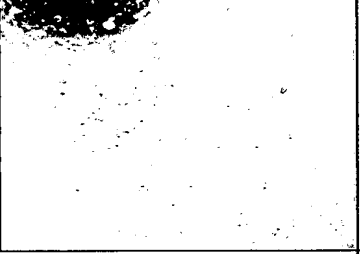

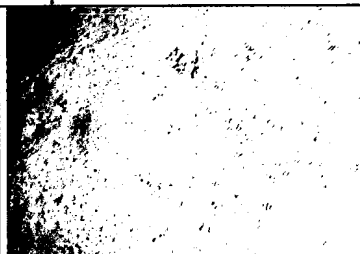
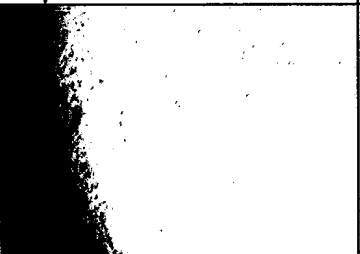


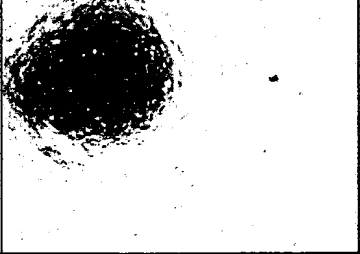

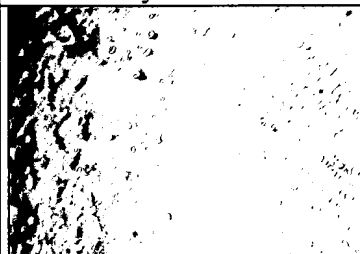

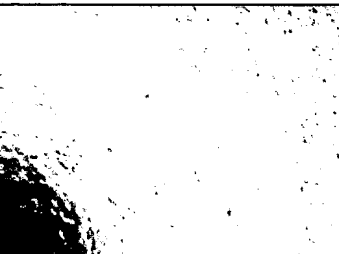
41/65

Experiment 17, Fig. 1: Photos on day 14:

	0.1 μ M	0.3 μ M	1 μ M
Colchicine 1a			
Colchicine 1L			
dose	0.67 μ M	2 μ M	6.7 μ M
4-OH-OPB 4a			
4-OH-OPB 4L			
	control day 14 a	control day 14 L	Control before incubation
Control 6			

42/65


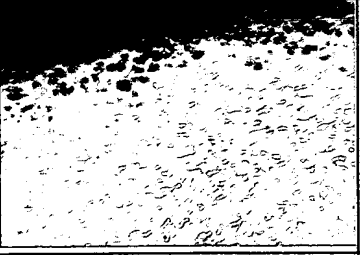
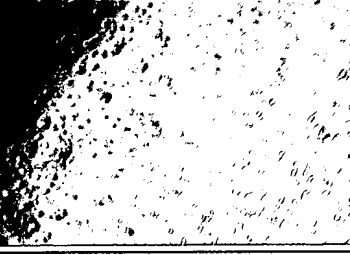
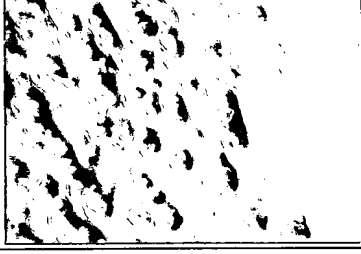
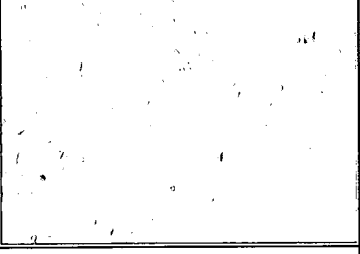
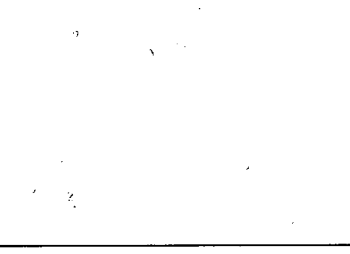
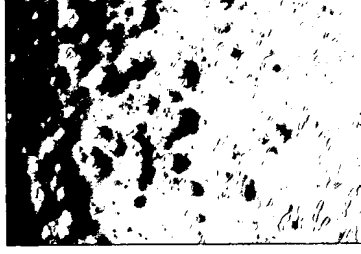
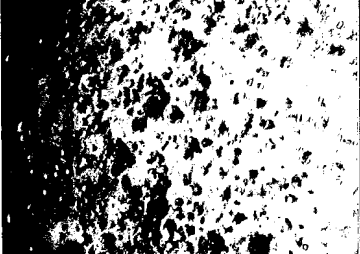
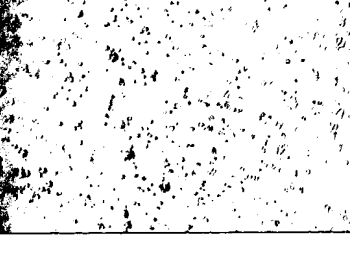
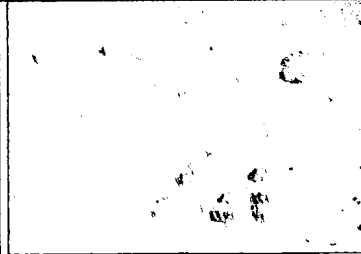

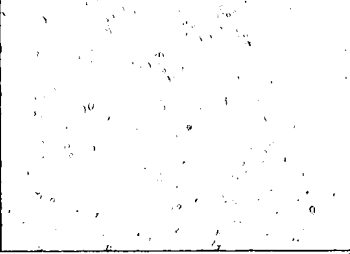
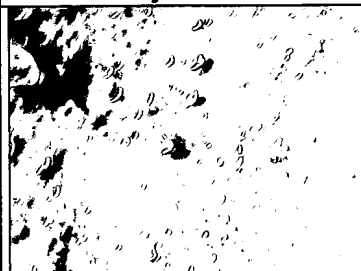
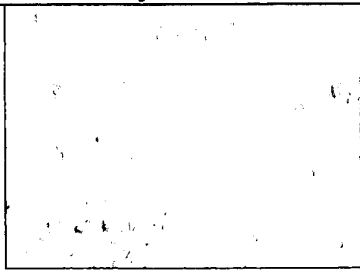
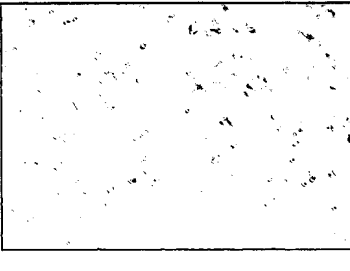
Experiment 17, Fig. 1, continued: Photos on day 14:

dose	0.67 μ M	2 μ M	6.7 μ M
Podophyllotoxin 2H			
Podophyllotoxin 2L			
dose	20 μ M	60 μ M	200 μ M
Etoposide 3H			
Etoposide 3L			
	control day 14 H	control day 14 L	Control before incubation
Control 6			

H: Photography from dense area, L: from sparsely seeded area.

43/65


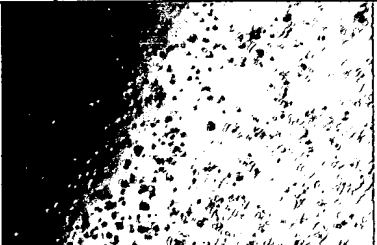
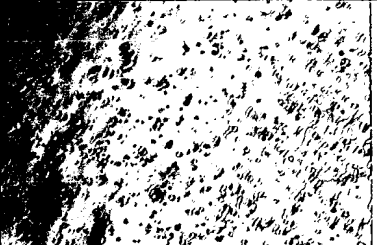
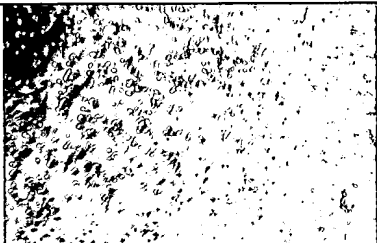
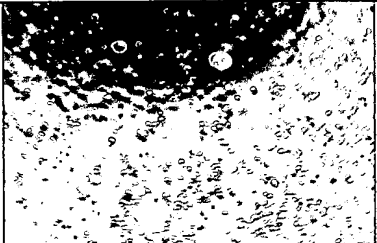

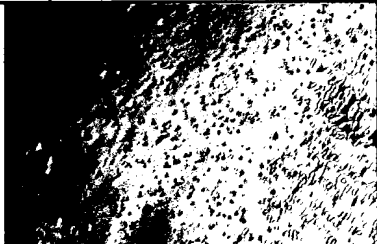
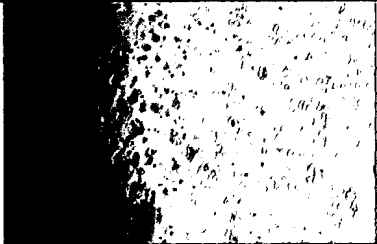
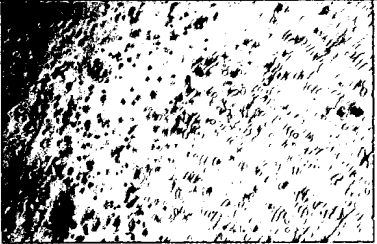





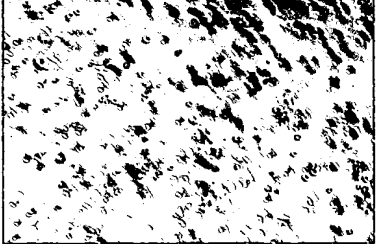
Experiment 17, Fig. 2: Photos on day 14, magnified:

dose	0.1 μ M	0.3 μ M	1 μ M
Colchicine 1H			
Colchicine 1L			
dose	0.67 μ M	2 μ M	6.7 μ M
4-OH-OPB 4H			
4-OH-OPB 4L			
	control dHy 14 H	control day 14 L	Control before incubation
Control 6			

H: Photography from dense area, L: from sparsely seeded area.

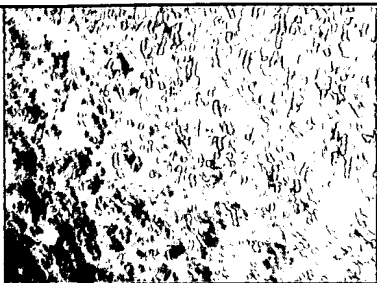

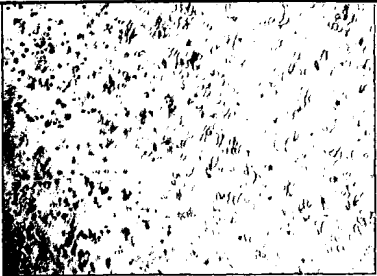
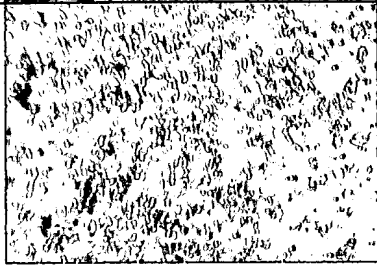
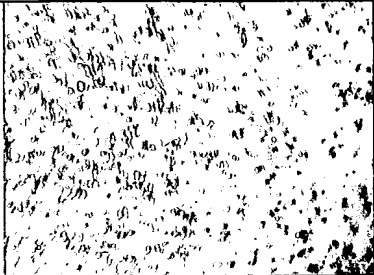
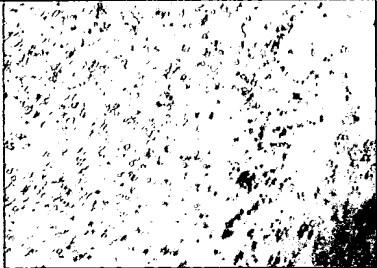
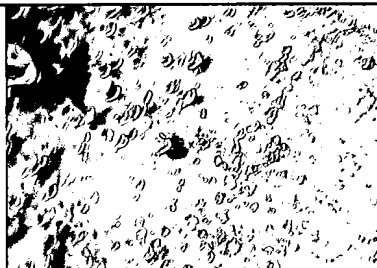
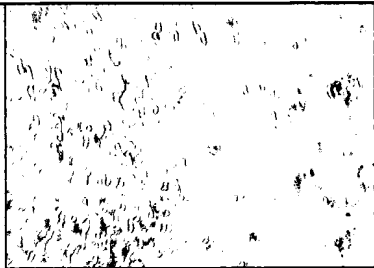
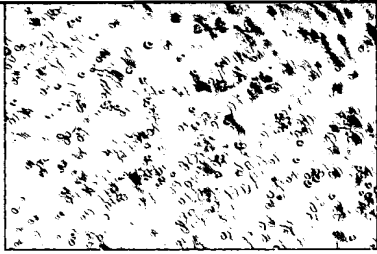
44/65

Experiment 17, Fig. 2, continued: Photos on day 14, magnified:


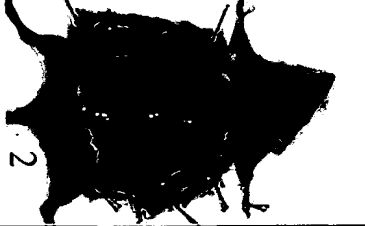






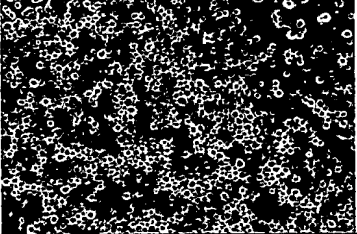
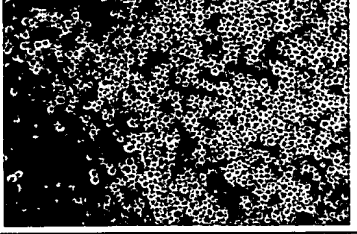
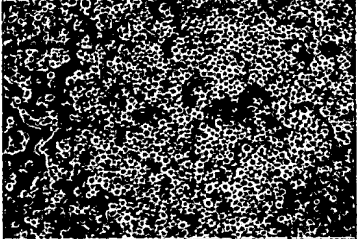
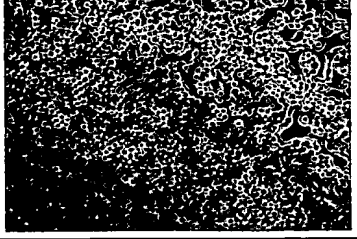
dose	0.3 μ M	0.9 μ M	3 μ M
Podophyllotoxin 2H			
Podophyllotoxin 2L			
dose	20 μ M	60 μ M	200 μ M
Etoposide 3H			
Etoposide 3L			
	control day 14 H	control day 14 L	Control before incubation
Control 6			

45/65

Experiment 17, Fig. 2, continued: Photos on day 14, magnified:

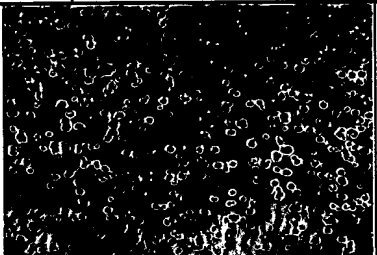
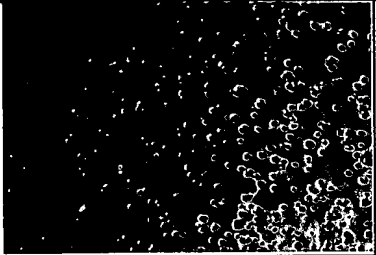
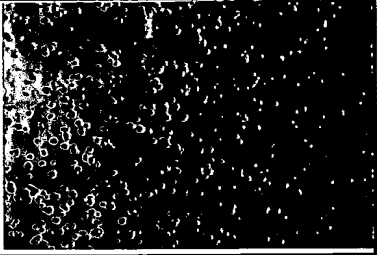



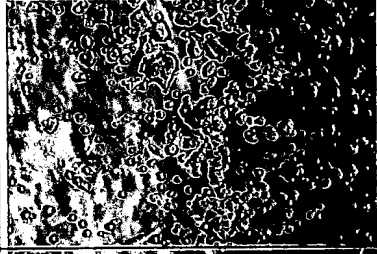
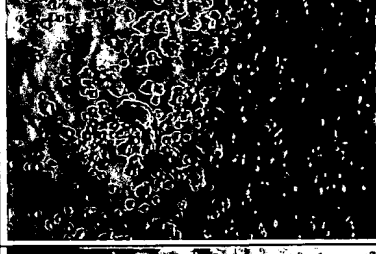
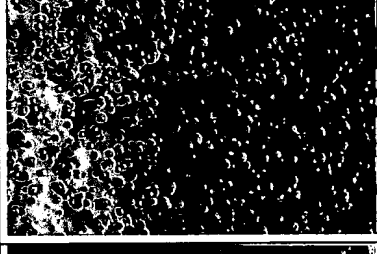

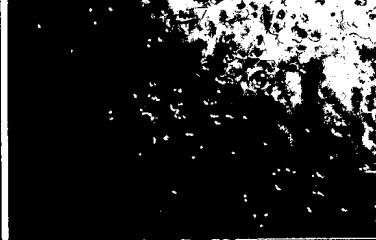

dose	0.19%	1.13%	4.7%
DMSO 5H			
DMSO 5L			
	control 14 H	control 14 L	Control before incubation
Control 6			

46/65. Experiment 18, Fig. 1: Examination post mortem of the experimental animals:

Mouse 1 and 2: Lens sized solid tumours in abdominal wall at injection site of Ehrlich ascites into peritoneum.		
Mouse 3: Lens sized solid tumours in abdominal wall at injection site of Ehrlich ascites into peritoneum. Mouse 4: 2 x 3 mm tumour at same site.		
Mouse 1 and 2: with 0.1 and 1 ml ascites respectively that contained Ehrlich cells. No macroscopic organ involvement.		
Mouse 3 and 4: with 1.5 and 4 ml ascites respectively that contained Ehrlich cells. No macroscopic organ involvement.		
Microscopic picture of ascites from animal 1 and 2: Typical Ehrlich ascites cells.		
Microscopic picture of ascites from animal 3 and 4: Typical Ehrlich ascites cells.		

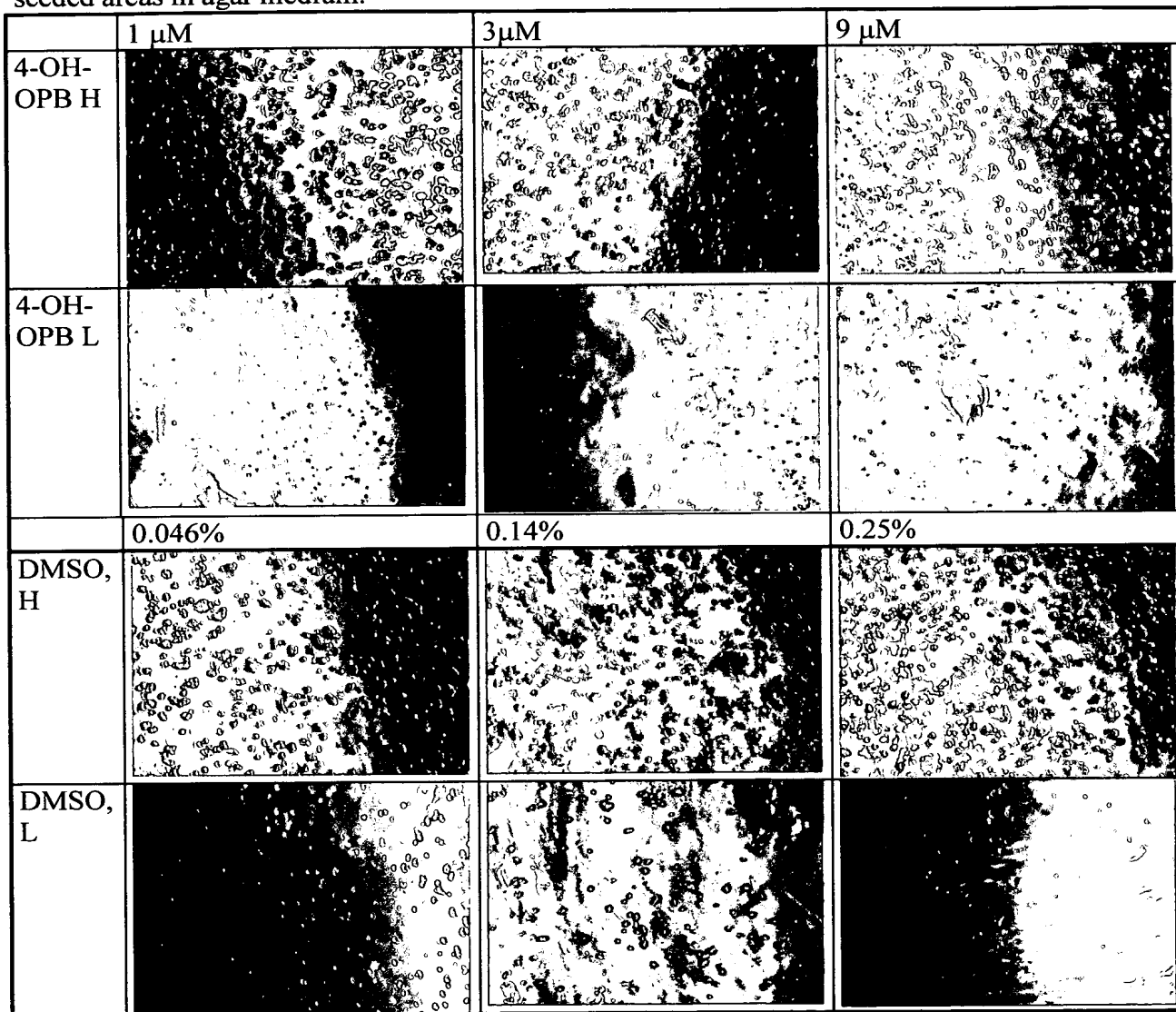
47/65

Experiment 19, Figure 1: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.

	52.1 μ M	156.3 μ M, DMSO 0.16%	468.9 μ M, DMSO 0.47%
Myco-phen-olic acid, H			
Myco-phen-olic acid, L			
	59.8 μ M	179.2 μ M	537.3 μ M, DMSO 0.27%
Cyclo-phosph-amide, H			
Cyclo-phosph-amide, L			

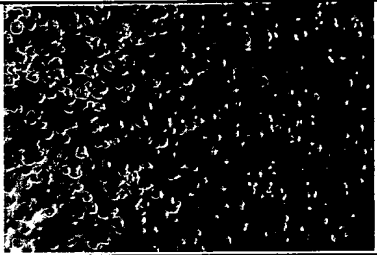
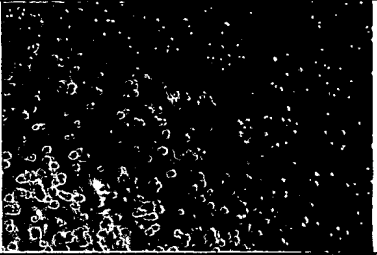
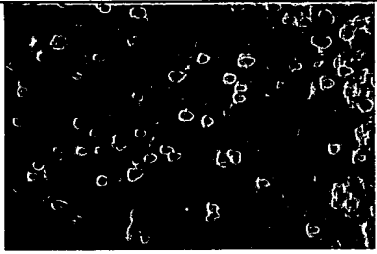
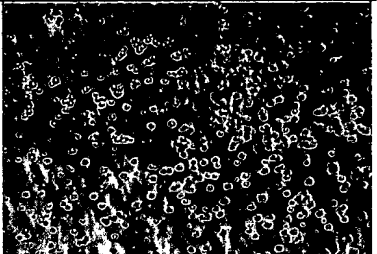
48/65

Experiment 19, Figure 1 continued: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.

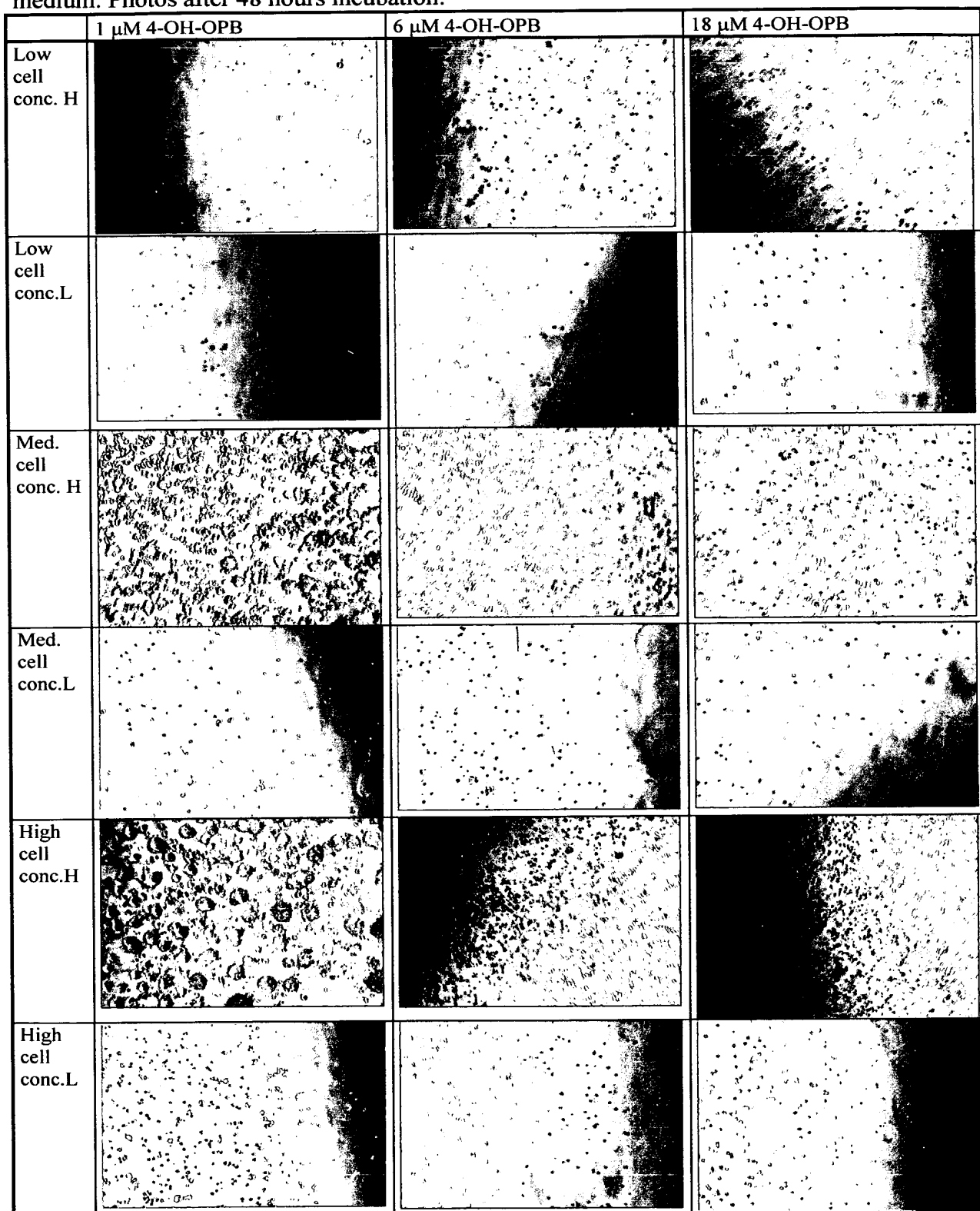


49/65

Experiment 19, Figure 1 continued: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.


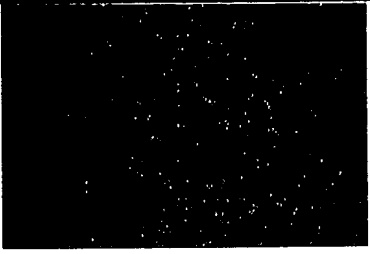
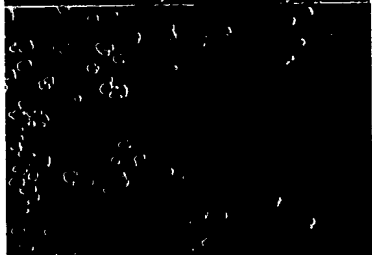
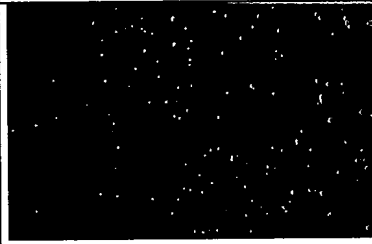
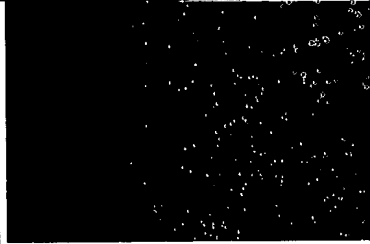

	Control after 48 hours	Control before incubation	
Control H			
Control L			

50/65 Experiment 20, Figure 1: H dense and L sparsely seeded areas of agar medium. Photos after 48 hours incubation:



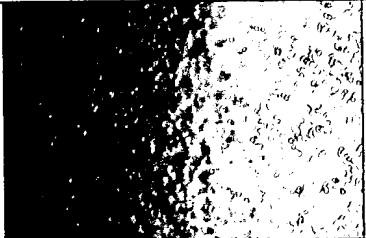
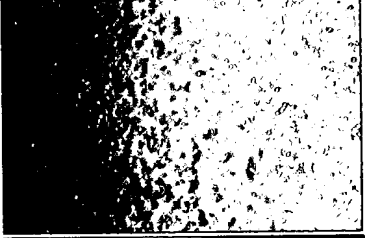

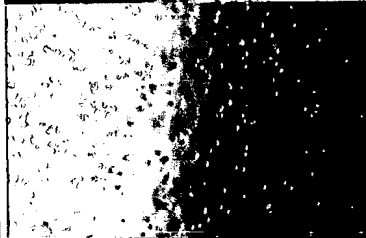
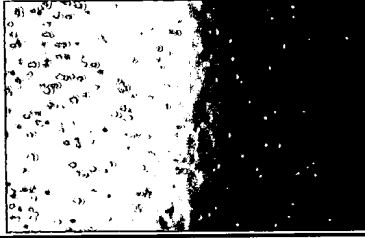

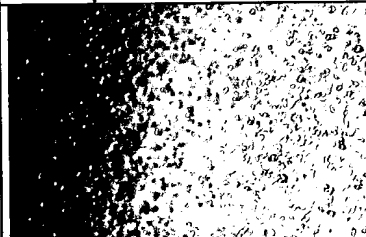


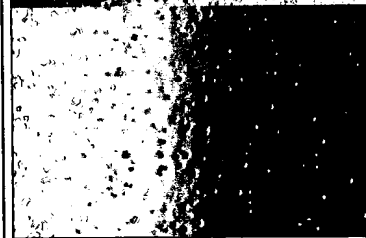
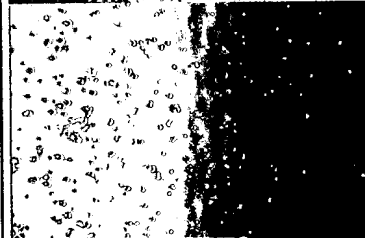
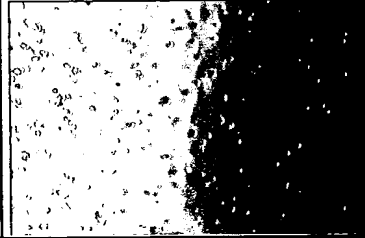
51/65

Experiment 20, Fig. 1 continued: Photos after 48 hours incubation, continued:

Contr.	After 48 hours	Day 0	
Contr. med. cell conc. H			
Contr. med. cell conc. L			
Cells:	Low	Medium	High
Day 0			

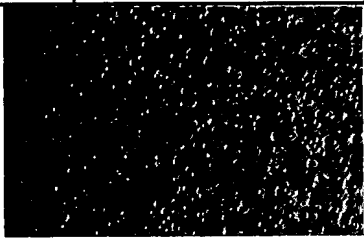
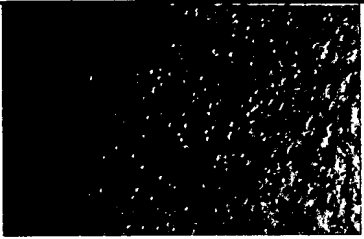

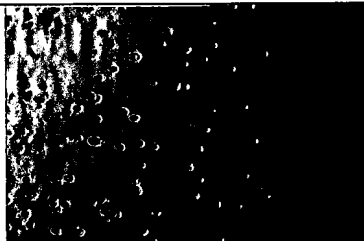
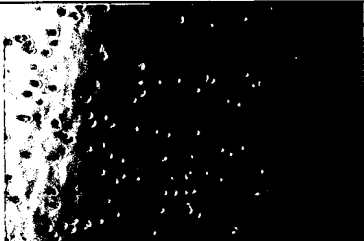
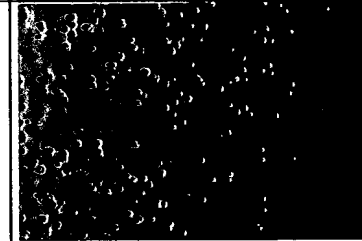
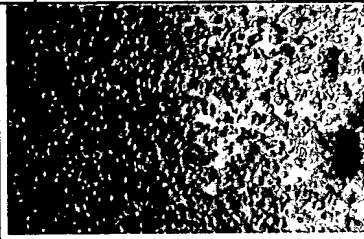


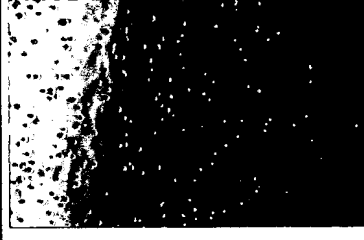


52/65

Experiment 21, Figure 1: H: dense and L sparsely seeded areas of agar medium. Photos after 48 hours:

	0.00664 μ M	0.0199 μ M	0.06 μ M
Actino mycin D, H			
Actino mycin D, L			
	12.34 μ M	37 μ M	111 μ M
Cytara- bin, H			
Cytara- bin, L			

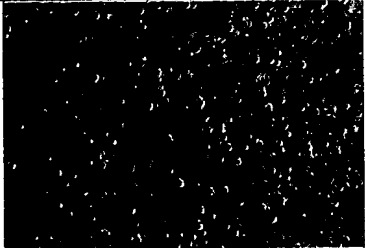
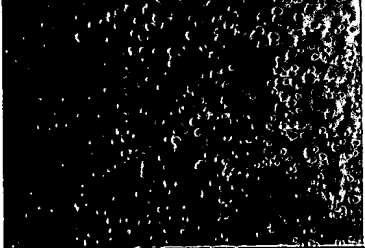


53/65

Experiment 21, Figure 1, continued: H densely and L sparsely seeded areas of agar medium. Photos after 48 hours:

	8.97 μ M	26.9 μ M	80.71 μ M	
Fluoro- uracil, H				
Fluoro- uracil, L				
	1 μ M	3 μ M	9 μ M	0.06 μ
4-OH- OPB, H				
4-OH- OPB, L				

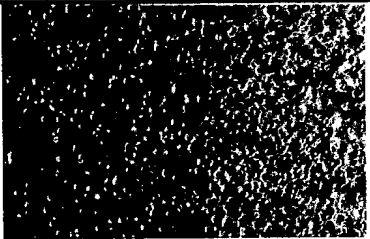
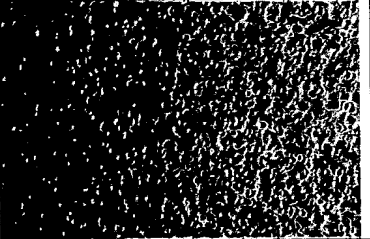
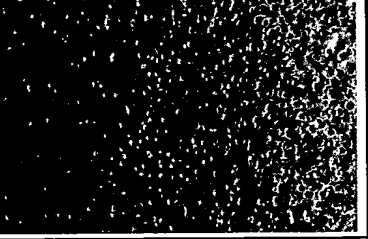


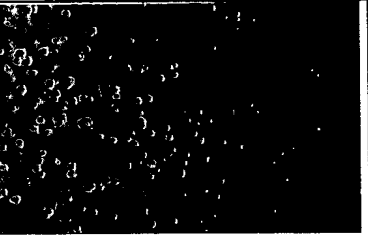
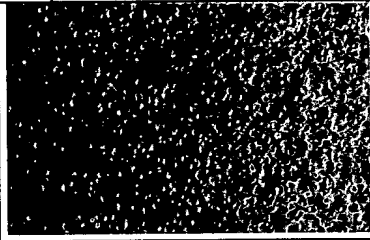
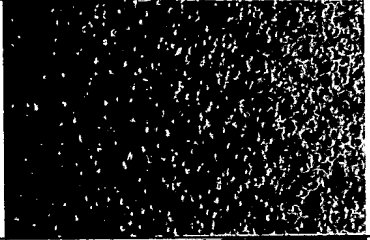
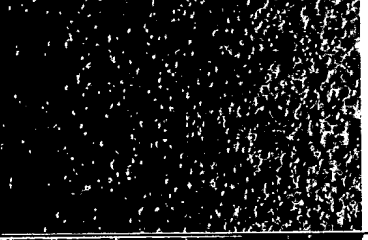
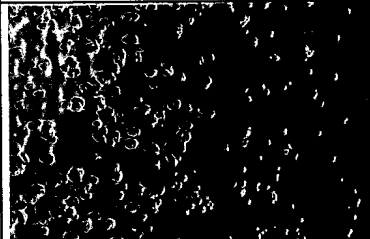
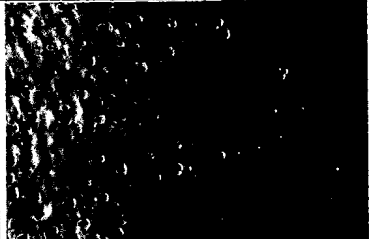

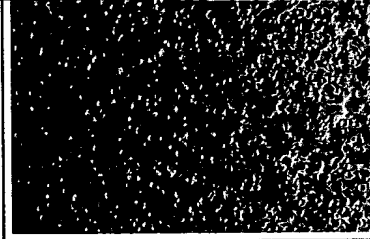
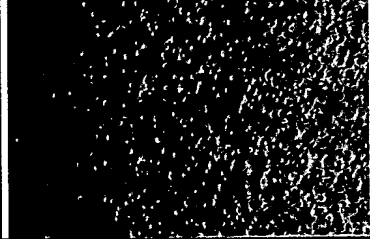
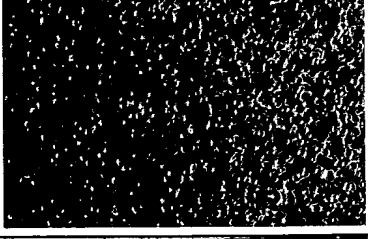
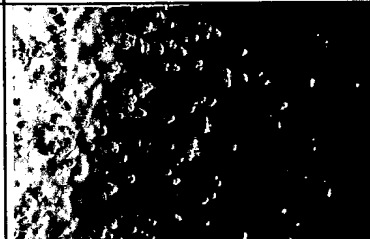
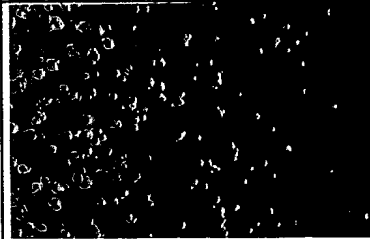

54/65

Experiment 21, Figure 1, continued: H densely and L sparsely seeded areas of agar medium. Photos after 48 hours:

	Control after 48 h	Control before incubation	
Control, H			
Control, L			

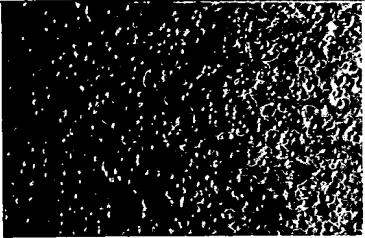
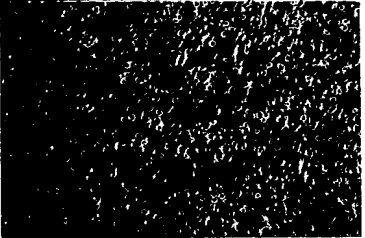
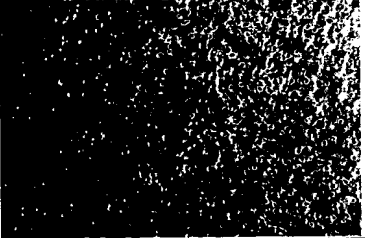

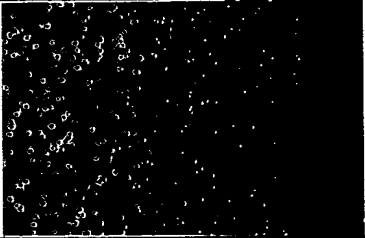


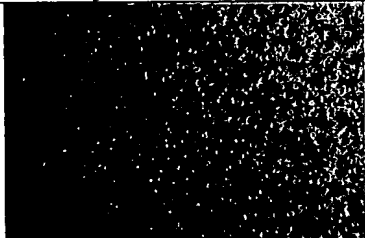

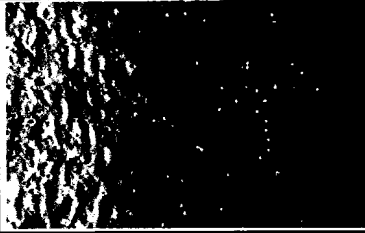
55/65

Experiment 22, Fig. 1: Photos after 48 hours. H: Area with high cell density, L: Area with low cell density

	7.6 μ M	23 μ M	68.9 μ M
#4, H			
#4, L			
	5.5 μ M	16.6 μ M	49.7 μ M
#6, H			
#6, L			
	7.1 μ M	21.2 μ M	63.5 μ M
#7, H			
#7, L			

56/65

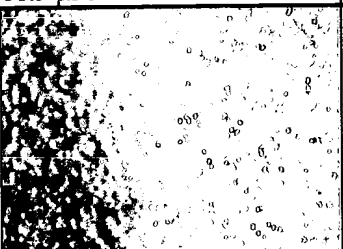
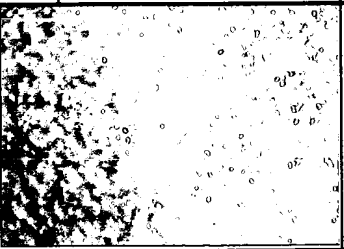
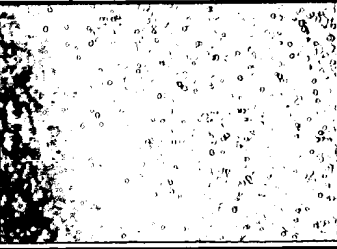



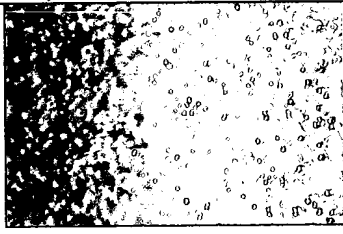
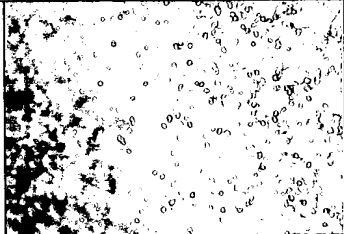
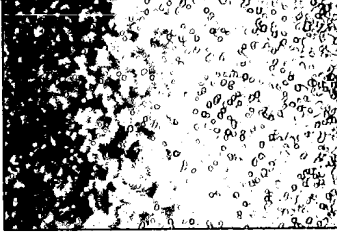



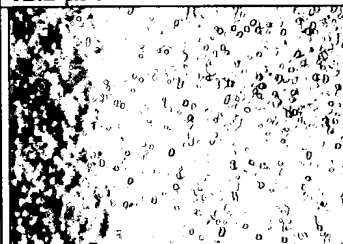
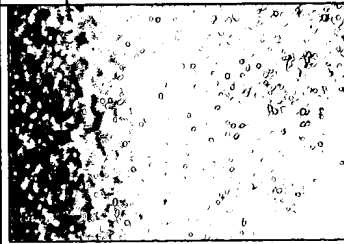
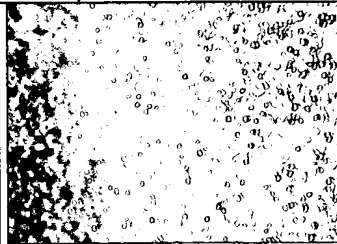
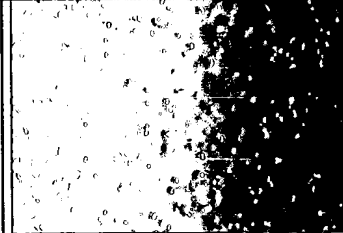

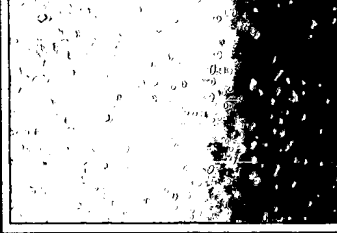
Experiment 22, Fig. 1, continued: Photos after 48 hours continued. H: Area with high cell density, L: Area with low cell density

	1 μ M	3 μ M	9 μ M
4-OH- OPB, H			
4-OH- OPB, L			
	Control after 48 hours	Control just after seeding	
Contr. H			
Contr. L			

57/65

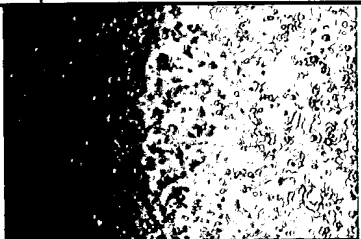
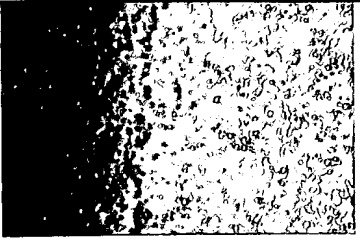
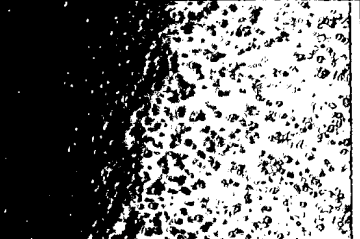


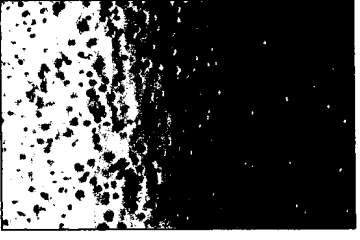
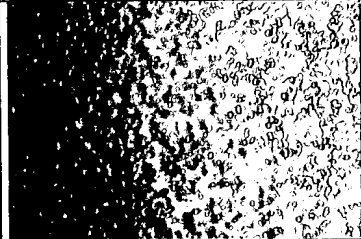
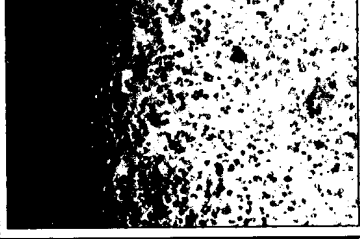

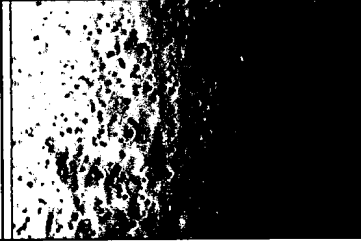


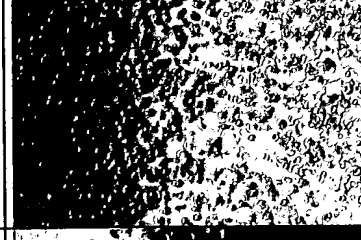
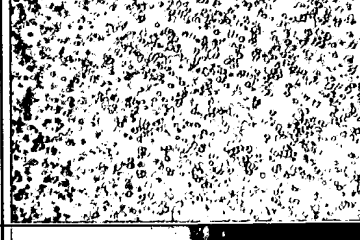

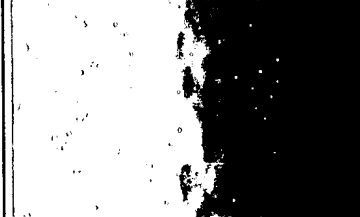
Experiment 23, Figure 1: H: Densely and L sparsely seeded areas of agar cultures.

Photos after 48 hours:

	11.9 μ M	35.7 μ M	107.1 μ M
#1: p-hydroxy-azo-benzene H			
#1: p-hydroxy-azo-benzene L			
	7.3 μ M	21.9 μ M	66.8 μ M
#2: 2-Butyl-2-hydr-oxy-N-(4-hydroxy-phenyl)-N'-phenyl malon-amide H			
#2: 2-Butyl-2-hydr-oxy-N-(4-hydroxy-phenyl)-N'-phenyl malon-amide L			
	12.2 μ M	36.6 μ M	109.8 μ M
#3: 2-oxo-hexanoic acid phenyl amide H			
#3: 2-oxo-hexanoic acid phenyl amide L			

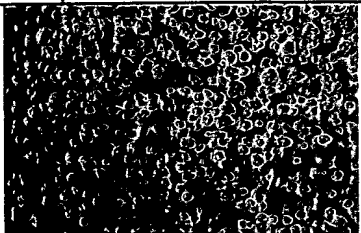
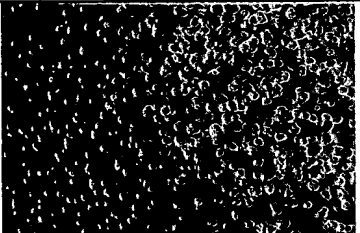
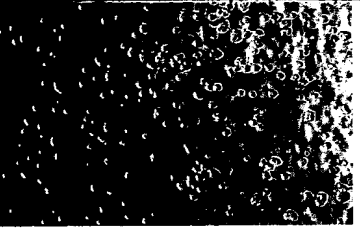
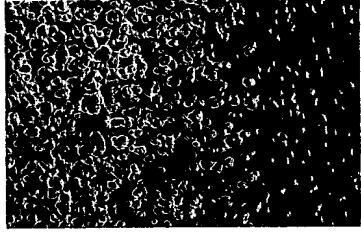


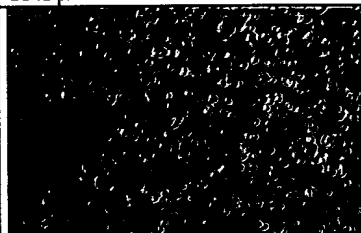

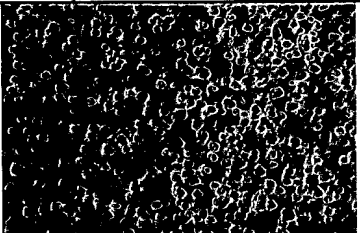

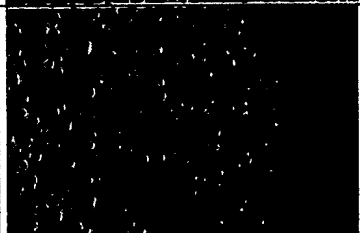

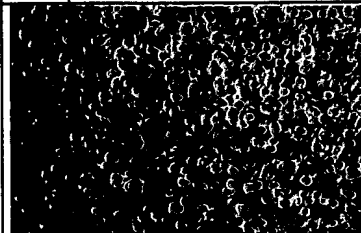

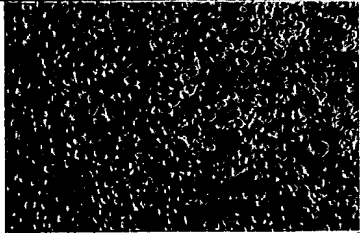



58/65

Experiment 23, Figure 1 continued: H: Densely and L sparsely seeded areas of agar cultures. Photos after 48 hours:

	33 μ M	99 μ M	297.1 μ M
Metho-trexate H			
Metho-trexate L			
	0.33 μ M	1 μ M	3 μ M
4-OH-OPB H			
4-OH-OPB L			
	Control after 48 hours	Control before incubation	
Control H			
Control L			

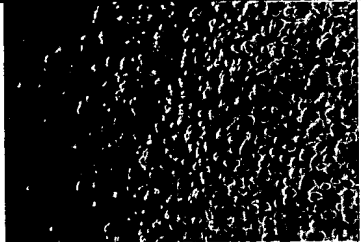

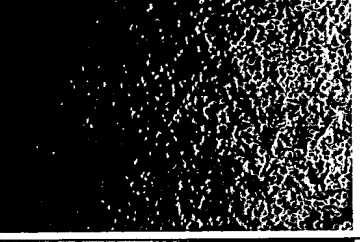


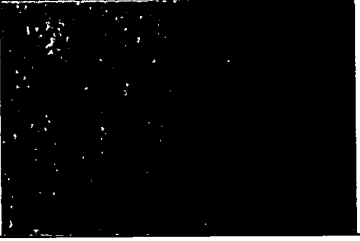
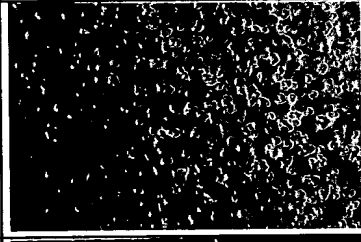
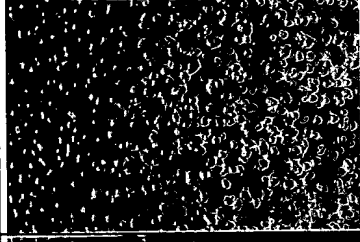
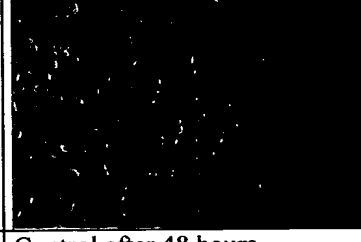

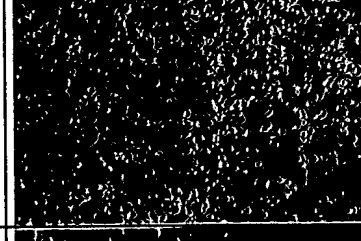
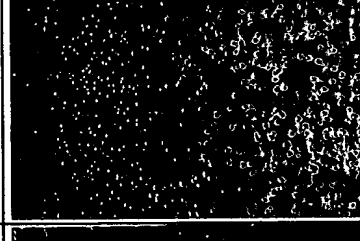


59/65

Experiment 24, Figure 1. H: Densely and L sparsely seeded areas of agar
 cultures: Photos after 48 hours:

	14.1 μ M	42 μ M	127 μ M
#5: 4-OH- PBOMe H			
#5: 4-OH- PBOMe L			
	13.3 μ M	40 μ M	119.9 μ M
#8, H			
#8, L			
	12.8 μ M	38.4 μ M	115.3 μ M
#9, H			
#9, L			


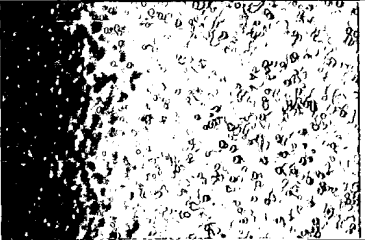
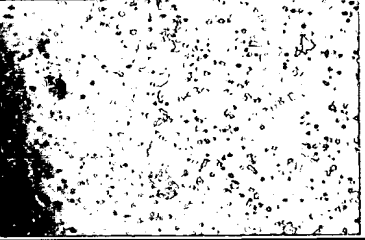


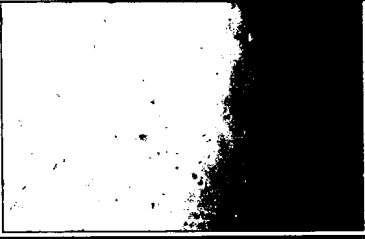
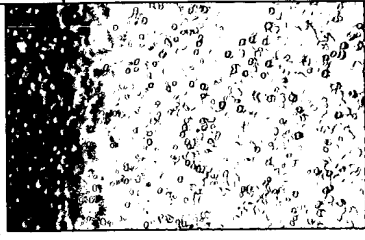
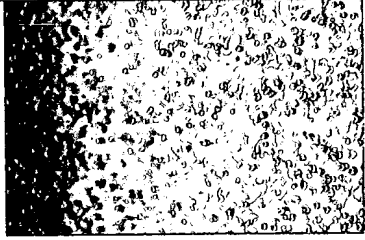




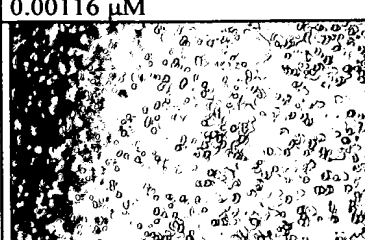
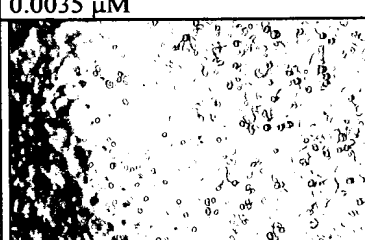
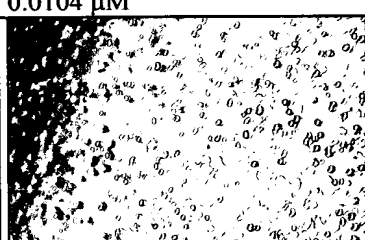

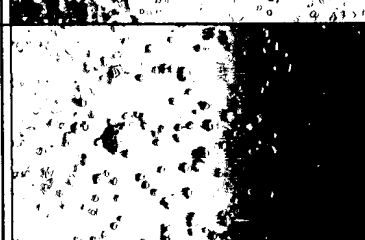

60/65

Experiment 24, Figure 1 continued: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours:

	1 μ M	3 μ M	9 μ M
4-OH-OPB, H			
4-OH-OPB, L			
	0.11 μ M	0.33 μ M	
4-OH-OPB, H			
4-OH-OPB, L			
	Control after 48 hours	Control before incubation	
Control H			
Control L			

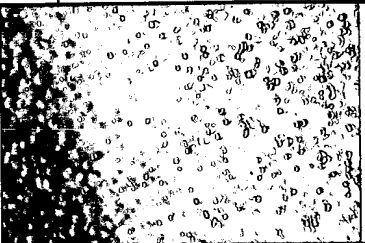
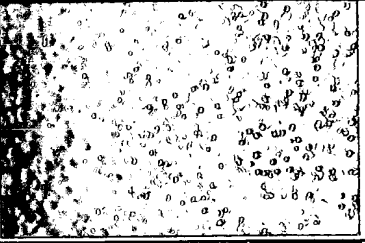
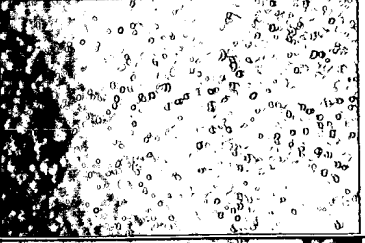

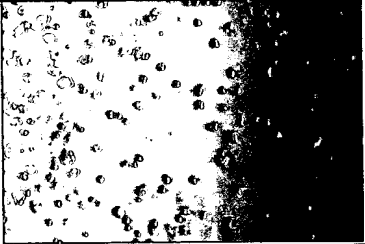
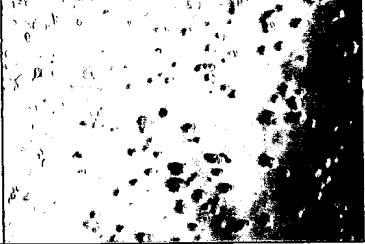
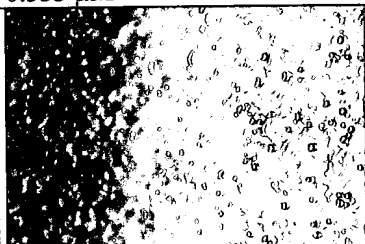
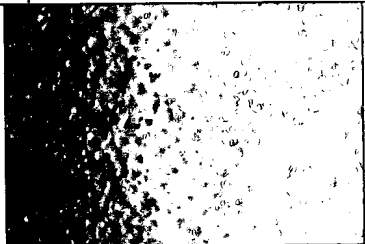
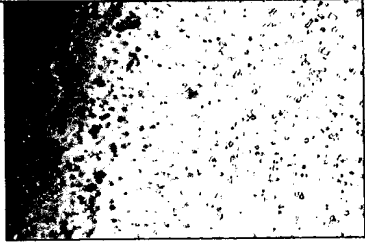



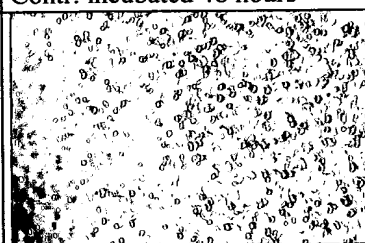
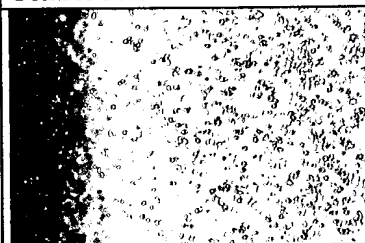
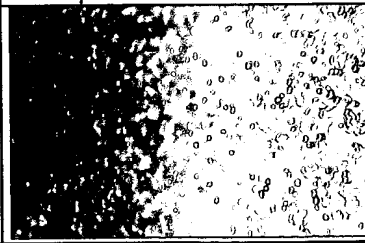

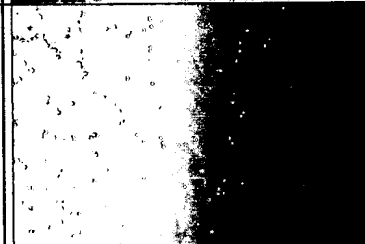

61/65

Experiment 25, Fig. 1: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours

	16.9 μ M	50.6 μ M	151.9 μ M
#10, H			
#10, L			
	15.4 μ M	46.2 μ M	138.7 μ M
#11, H			
#11, L			
	0.00116 μ M	0.0035 μ M	0.0104 μ M
Somato tropin (Gentro pin, Pharma cia) H			
Somato tropin (Gentro pin, Pharma cia) L			

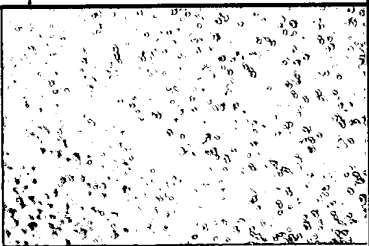
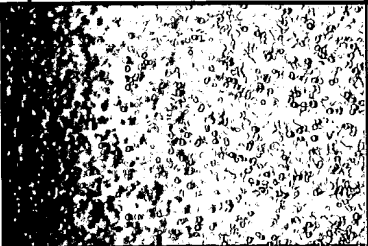

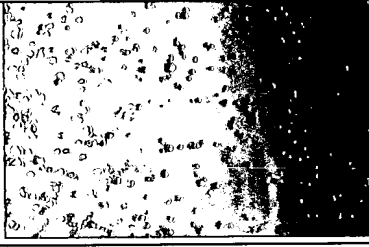
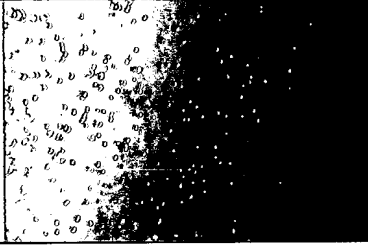
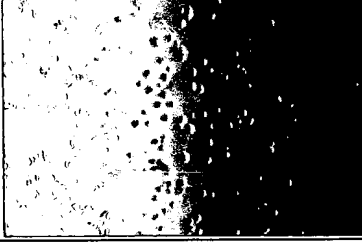
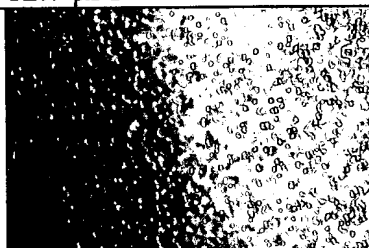
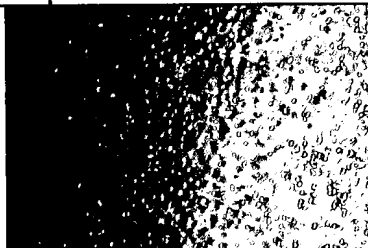
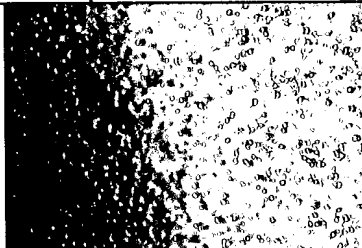
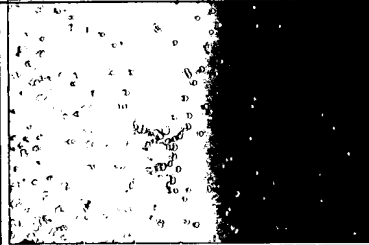
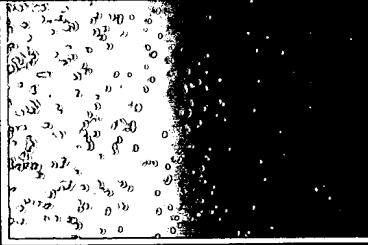
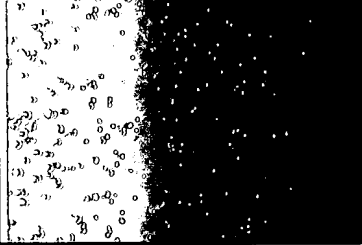
62/65

Experiment 25, Fig. 1, continued: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours

	10.1 μ M	30.3 μ M	90.9 μ M
Azathio prin (Imurel) H			
Azathio prin (Imurel) L			
	0.333 μ M	1 μ M	3 μ M
4-OH- OPB H			
4-OH- OPB L			
	Contr. incubated 48 hours	Control before incubation	0.111 μ M 4-OH-OPB
H			
L			

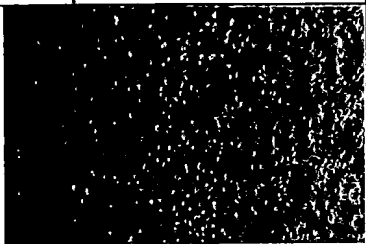
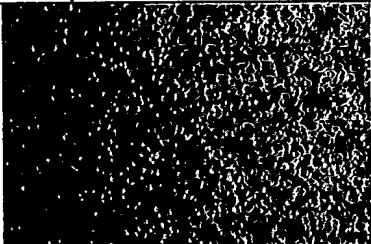
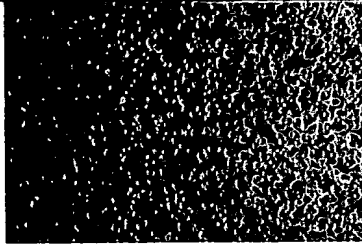

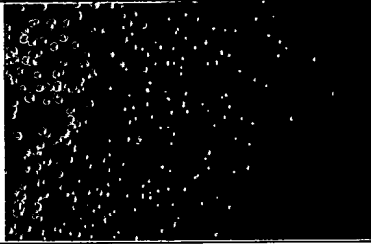
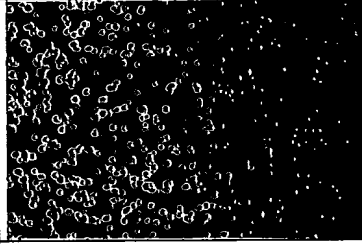
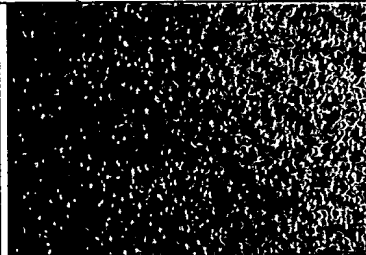
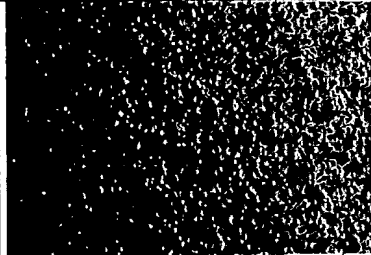
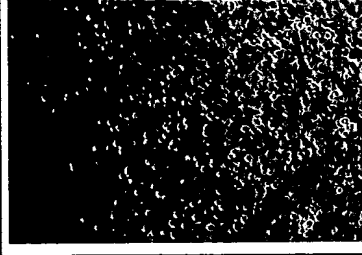
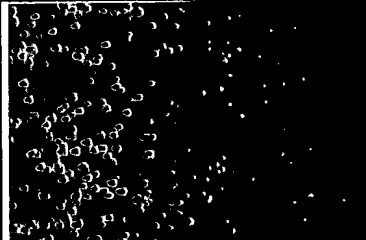
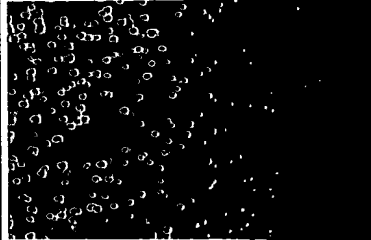
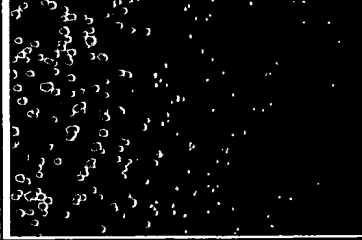
63/65

Experiment 26, Figure 1: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

	1 μ M	3 μ M	9 μ M
Benzo(a) pyrene H			
Benzo(a) pyrene L			
	12.7 μ M	38 μ M	114.1 μ M
Altretam ine H			
Altretam ine L			

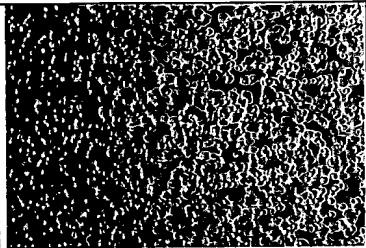
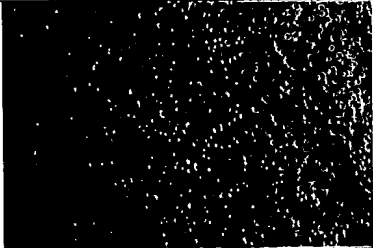
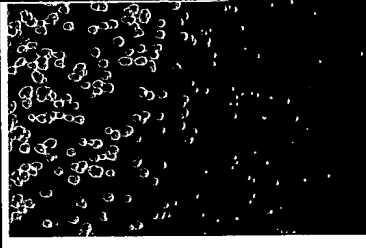

64/65

Experiment 26, Figure 1, continued: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

	18.7 μ M	56.1 μ M	168.3 μ M
Sulindac H			
Sulindac L			
	0.33 μ M	1 μ M	3 μ M
4-OH- OPB H			
4-OH- OPB L			

65/65

Experiment 26, Figure 1, continued: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

	After 24 hours	Before incubation	
<i>Control H</i>			
<i>Control L</i>			

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.